

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
 Data File : BM026851.D
 Acq On : 23 Jul 2020 15:04
 Operator : JU/CG
 Sample : L3184-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-03-072020

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.919	365	371	385	rBV	1523177	2156451	56.02%	4.758%
2	6.495	630	639	650	rVV	1485664	2201899	57.20%	4.858%
3	7.272	763	771	778	rVB2	488284	809741	21.03%	1.786%
4	7.542	813	817	827	rVB4	72689	132471	3.44%	0.292%
5	7.719	842	847	853	rBV3	57903	95421	2.48%	0.211%
6	7.813	853	863	869	rVB3	152803	283801	7.37%	0.626%
7	8.048	894	903	905	rBV3	58327	131834	3.42%	0.291%
8	8.078	905	908	912	rVV2	73224	107040	2.78%	0.236%
9	8.348	947	954	956	rBV3	91918	166149	4.32%	0.367%
10	8.372	956	958	962	rVV2	82465	120224	3.12%	0.265%
11	8.425	962	967	977	rVV	883596	1525886	39.64%	3.366%
12	8.507	977	981	988	rVB	222789	338797	8.80%	0.747%
13	8.613	988	999	1005	rVB	127512	411092	10.68%	0.907%
14	8.707	1010	1015	1020	rVV5	54315	108234	2.81%	0.239%
15	8.760	1021	1024	1029	rVV6	70872	121202	3.15%	0.267%
16	8.842	1033	1038	1044	rVB8	49577	111398	2.89%	0.246%
17	8.919	1045	1051	1054	rBV2	121854	197443	5.13%	0.436%
18	8.960	1054	1058	1062	rVB3	160078	245933	6.39%	0.543%
19	9.213	1096	1101	1105	rVV5	145346	266897	6.93%	0.589%
20	9.248	1105	1107	1115	rVB3	68093	129467	3.36%	0.286%
21	9.325	1116	1120	1126	rBV3	78661	150213	3.90%	0.331%
22	9.454	1138	1142	1145	rVV3	53381	77882	2.02%	0.172%
23	9.495	1145	1149	1157	rVB4	91660	164727	4.28%	0.363%
24	9.595	1162	1166	1170	rBV2	91714	154251	4.01%	0.340%
25	9.642	1170	1174	1184	rVB7	115843	275816	7.16%	0.609%
26	9.748	1185	1192	1195	rBV3	66745	160532	4.17%	0.354%
27	9.795	1196	1200	1205	rBV2	60949	114240	2.97%	0.252%
28	9.913	1216	1220	1223	rBV4	65903	118586	3.08%	0.262%
29	10.036	1231	1241	1246	rVB2	961425	1816936	47.20%	4.009%
30	10.095	1246	1251	1253	rBV4	109100	184471	4.79%	0.407%
31	10.154	1258	1261	1268	rVB4	138916	246808	6.41%	0.545%
32	10.225	1268	1273	1277	rBV	380274	564858	14.67%	1.246%
33	10.266	1277	1280	1287	rVB4	105416	205164	5.33%	0.453%
34	10.348	1291	1294	1298	rVB4	108825	153610	3.99%	0.339%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.436	1299	1309	1312	rBV7	110498	313231	8.14%	0.691%
36	10.525	1320	1324	1334	rVB2	213565	401812	10.44%	0.886%
37	10.613	1335	1339	1344	rBV5	91890	155625	4.04%	0.343%
38	10.713	1352	1356	1359	rBV5	115658	199110	5.17%	0.439%
39	10.819	1372	1374	1381	rVB2	91020	123776	3.22%	0.273%
40	10.895	1382	1387	1392	rBV4	123103	237377	6.17%	0.524%
41	10.977	1398	1401	1406	rVB3	145565	228860	5.95%	0.505%
42	11.083	1413	1419	1427	rBV	581012	1118839	29.06%	2.468%
43	11.213	1436	1441	1447	rVB6	113119	256040	6.65%	0.565%
44	11.324	1456	1460	1465	rVB4	198768	311313	8.09%	0.687%
45	11.460	1479	1483	1485	rBV2	119706	175793	4.57%	0.388%
46	11.495	1485	1489	1496	rVB	497391	778133	20.21%	1.717%
47	11.589	1501	1505	1510	rVV6	88744	180792	4.70%	0.399%
48	11.671	1516	1519	1524	rBV6	117279	240447	6.25%	0.530%
49	11.724	1525	1528	1532	rVB	160731	207315	5.39%	0.457%
50	11.977	1566	1571	1577	rVB6	234931	443505	11.52%	0.978%
51	12.107	1590	1593	1597	rBV6	84432	148224	3.85%	0.327%
52	12.154	1598	1601	1605	rVB3	100558	136353	3.54%	0.301%
53	12.195	1605	1608	1613	rBV2	129818	200227	5.20%	0.442%
54	12.266	1618	1620	1623	rVB2	94762	100205	2.60%	0.221%
55	12.342	1629	1633	1639	rBV3	178830	242983	6.31%	0.536%
56	12.436	1645	1649	1652	rBV3	94298	145244	3.77%	0.320%
57	12.483	1652	1657	1663	rVV	547824	872827	22.67%	1.926%
58	12.548	1663	1668	1673	rVB	1895227	2556427	66.41%	5.640%
59	12.742	1697	1701	1705	rBV	181557	274738	7.14%	0.606%
60	12.783	1705	1708	1715	rVV	461586	767837	19.95%	1.694%
61	12.871	1719	1723	1729	rVV3	254032	458316	11.91%	1.011%
62	12.930	1730	1733	1741	rVB4	108120	212727	5.53%	0.469%
63	13.307	1793	1797	1802	rBV6	89994	183663	4.77%	0.405%
64	13.424	1812	1817	1820	rBV	277254	510922	13.27%	1.127%
65	13.460	1820	1823	1827	rVB2	458529	589704	15.32%	1.301%
66	13.671	1856	1859	1864	rVB4	132802	167060	4.34%	0.369%
67	13.724	1864	1868	1872	rBV4	120754	179543	4.66%	0.396%
68	13.883	1891	1895	1901	rBV	355979	481350	12.50%	1.062%
69	13.948	1901	1906	1911	rVB	728234	1062203	27.59%	2.343%
70	14.395	1980	1982	1988	rVB4	65430	84495	2.19%	0.186%
71	14.512	1998	2002	2007	rVB	194496	280511	7.29%	0.619%

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72	14.583	2010	2014	2017	rBV2	85142	125955	3.27%	0.278%
73	14.748	2039	2042	2046	rVB3	68594	92153	2.39%	0.203%
74	14.854	2056	2060	2067	rVB	233106	311856	8.10%	0.688%
75	15.259	2125	2129	2134	rVB	172605	260601	6.77%	0.575%
76	15.459	2157	2163	2170	rVB	1567574	2180140	56.63%	4.810%
77	15.718	2203	2207	2209	rBV	149730	201810	5.24%	0.445%
78	15.742	2209	2211	2216	rVB	177226	201896	5.24%	0.445%
79	16.077	2264	2268	2272	rVB5	47148	79562	2.07%	0.176%
80	16.512	2339	2342	2347	rBV2	100737	136455	3.54%	0.301%
81	16.565	2347	2351	2356	rVB	125681	180637	4.69%	0.399%
82	16.712	2371	2376	2379	rBV	772973	1037736	26.96%	2.289%
83	16.754	2379	2383	2388	rVB	360325	486065	12.63%	1.072%
84	16.842	2394	2398	2404	rVB	132577	188439	4.90%	0.416%
85	17.253	2464	2468	2472	rBV	83141	102217	2.66%	0.226%
86	17.653	2530	2536	2543	rBV2	474740	732170	19.02%	1.615%
87	17.777	2554	2557	2562	rVB2	96595	116384	3.02%	0.257%
88	17.942	2582	2585	2590	rBV	84093	99137	2.58%	0.219%
89	18.395	2658	2662	2668	rBV	202642	316625	8.22%	0.699%
90	18.524	2681	2684	2687	rVB2	67543	79763	2.07%	0.176%
91	18.583	2690	2694	2697	rVV3	194074	348719	9.06%	0.769%
92	18.612	2697	2699	2703	rVB2	226280	237752	6.18%	0.525%
93	18.783	2724	2728	2733	rBV	635914	864317	22.45%	1.907%
94	18.953	2755	2757	2764	rVB2	92937	100988	2.62%	0.223%
95	19.153	2787	2791	2794	rVB	608668	733278	19.05%	1.618%
96	19.183	2794	2796	2802	rVB2	115639	137594	3.57%	0.304%
97	19.383	2825	2830	2840	rVB	3051990	3849551	100.00%	8.493%
98	20.289	2981	2984	2990	rBV	267306	325167	8.45%	0.717%
99	20.694	3049	3053	3056	rBV	677022	825196	21.44%	1.821%
100	20.941	3089	3095	3099	rBV2	1191827	1897910	49.30%	4.187%

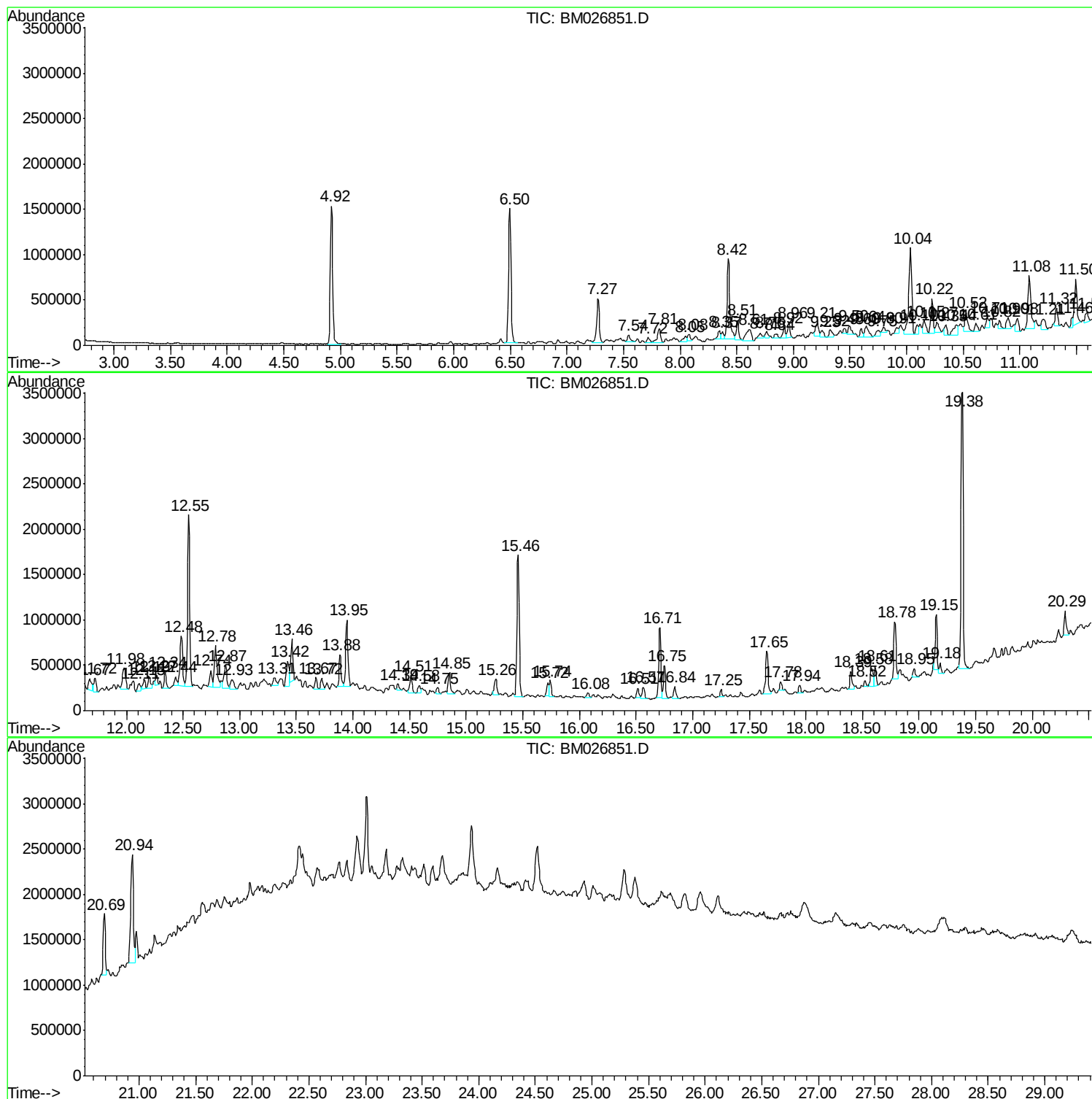
Sum of corrected areas: 45327074

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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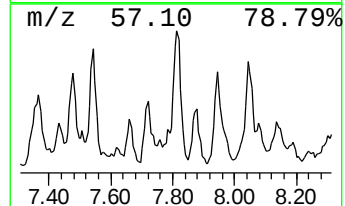
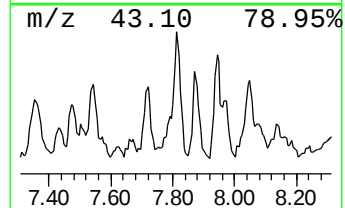
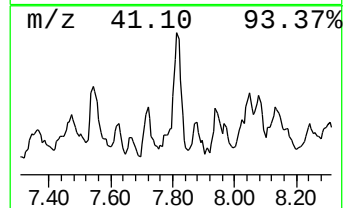
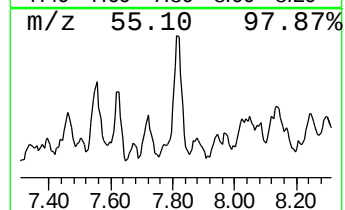
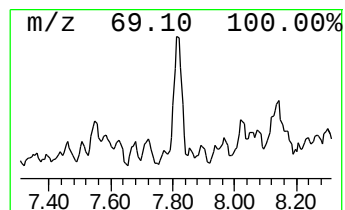
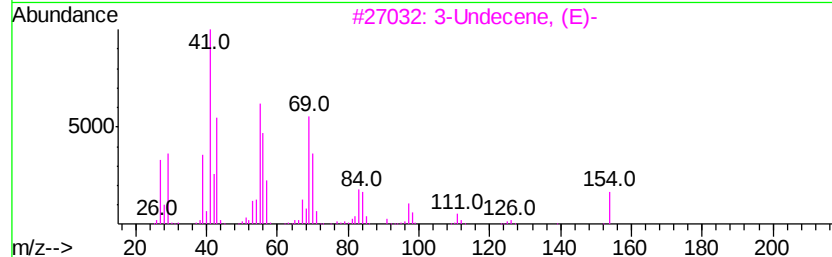
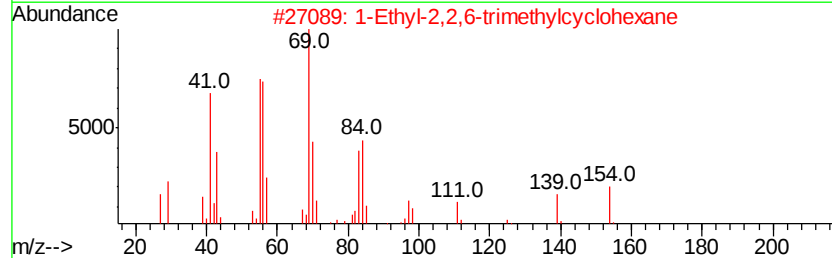
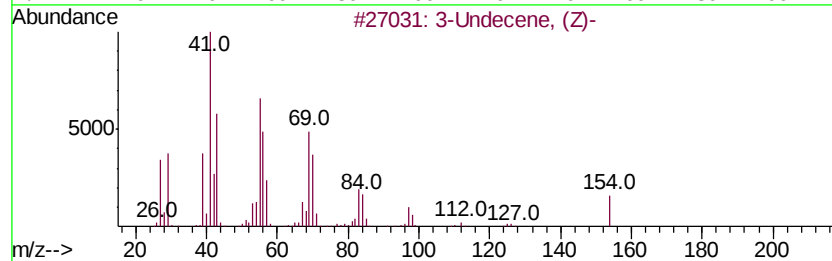
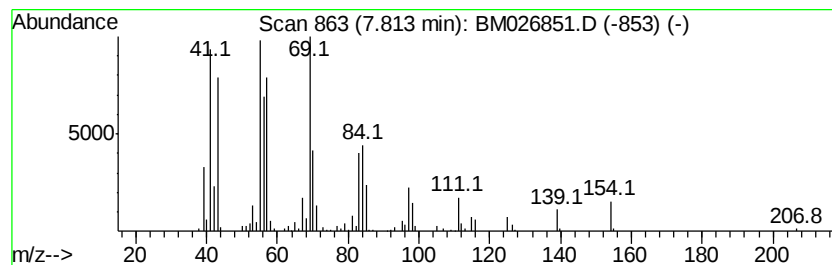
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 3-Undecene, (Z)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.81	7.01 ng	283801	1,4-Dichlorobenzene-d4	7.28	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Undecene, (Z)-	154	C11H22	000821-97-6	89
2	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	81
3	3-Undecene, (E)-	154	C11H22	001002-68-2	74
4	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	72
5	2-Undecene, (Z)-	154	C11H22	000821-96-5	70



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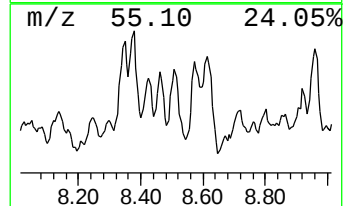
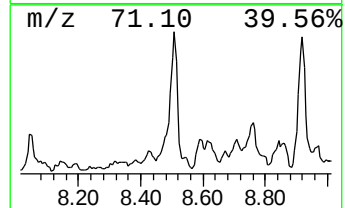
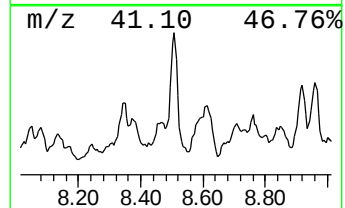
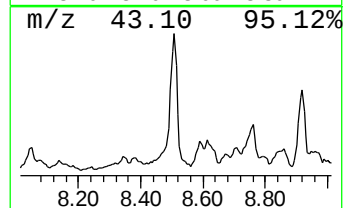
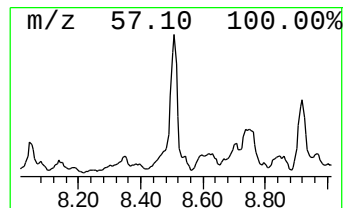
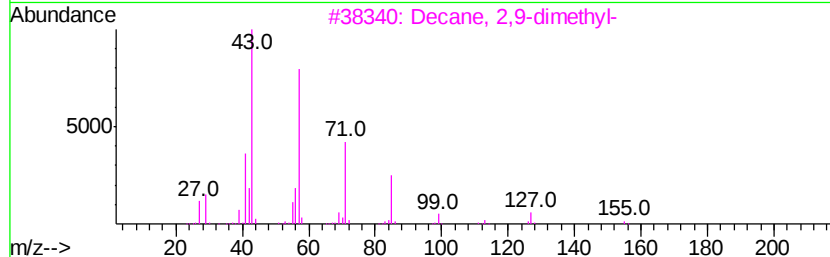
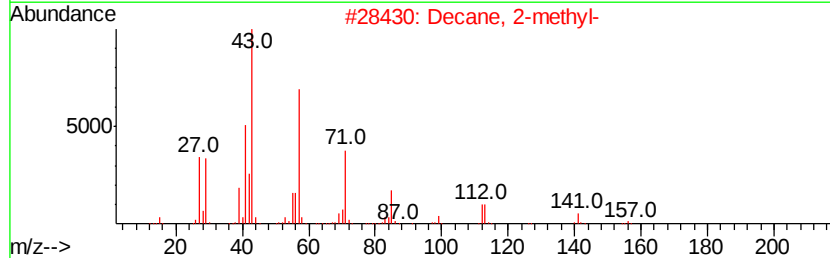
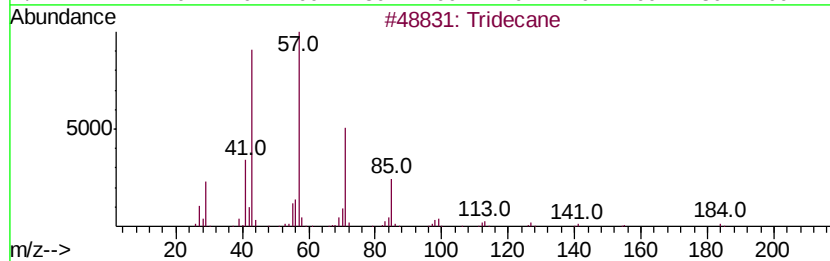
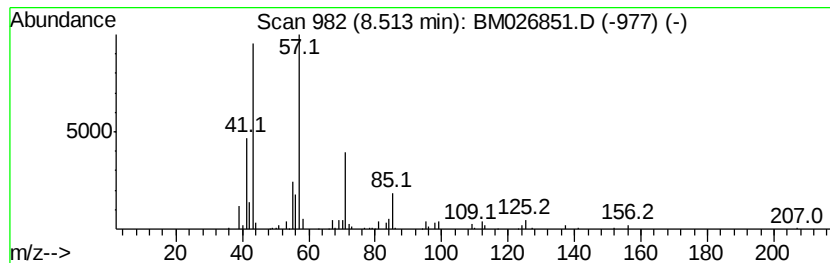
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.51	8.37 ng	338797	1,4-Dichlorobenzene-d4	7.28	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	83
2	Decane, 2-methyl-	156	C11H24	006975-98-0	80
3	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	78
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78
5	Tetratetracontane	619	C44H90	007098-22-8	72



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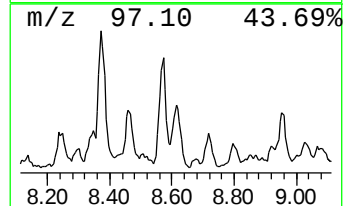
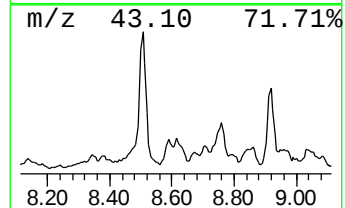
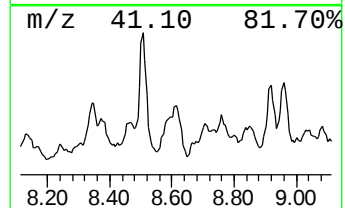
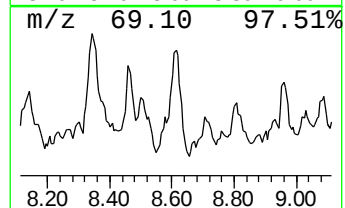
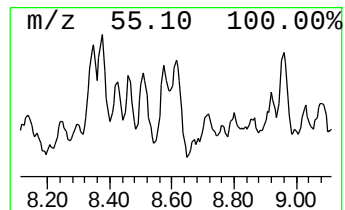
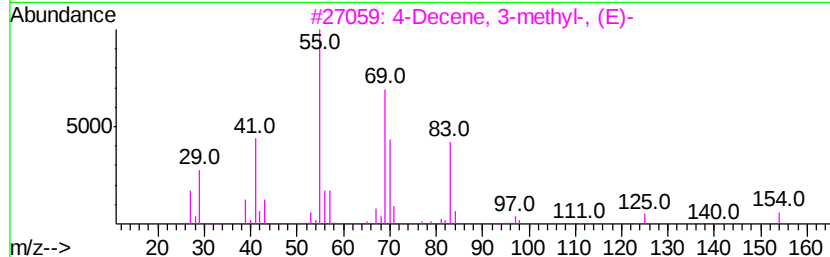
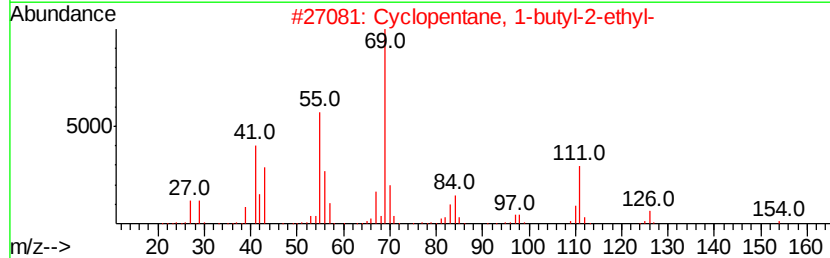
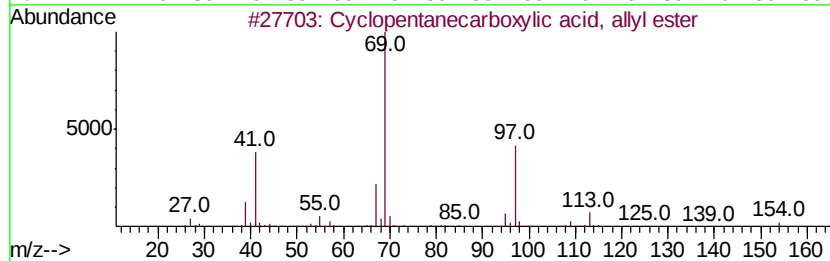
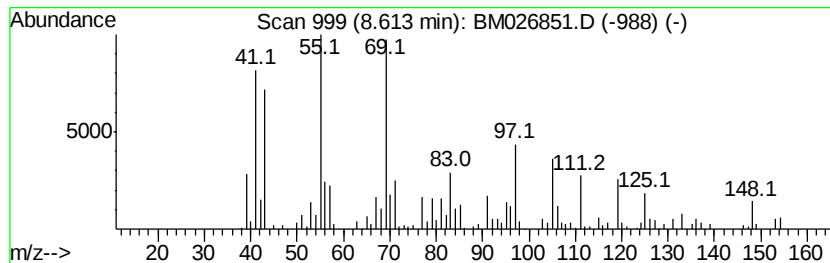
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TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown8.61 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	10.15 ng	411092	1,4-Dichlorobenzene-d4	7.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentanecarboxylic acid, all...	154	C9H14O2	178905-33-4	35
2		Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	35
3		4-Decene, 3-methyl-, (E)-	154	C11H22	062338-47-0	30
4		4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	27
5		2-Octene, 2-methyl-6-methylene-	138	C10H18	010054-09-8	27



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Sample : L3184-13
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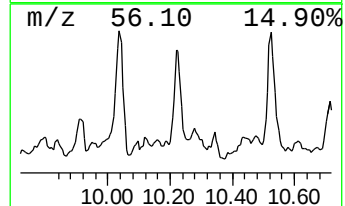
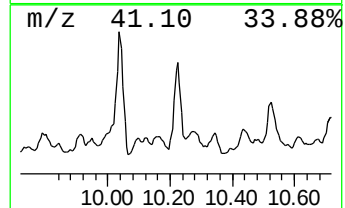
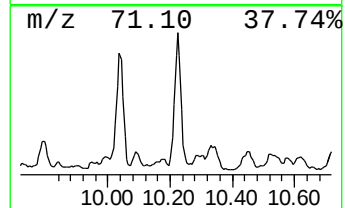
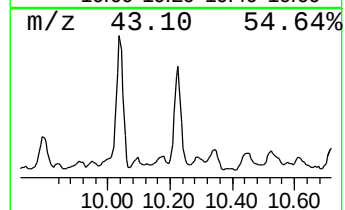
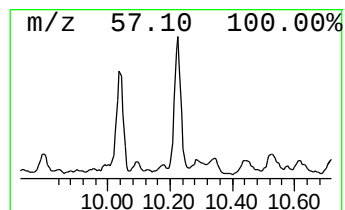
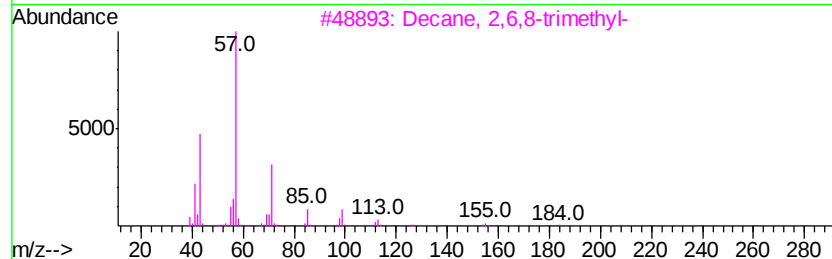
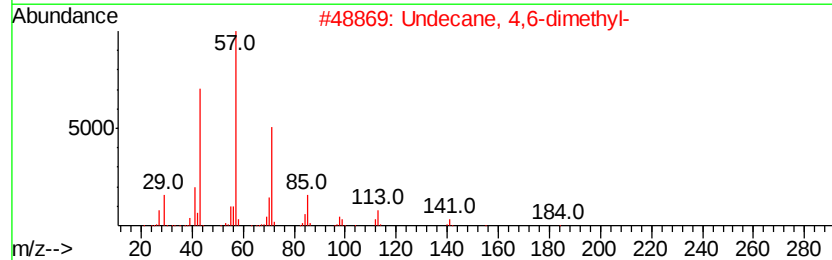
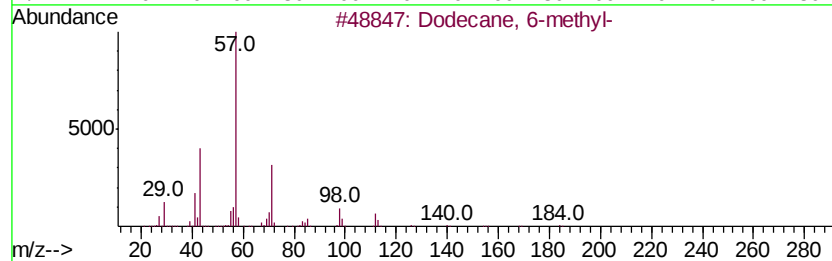
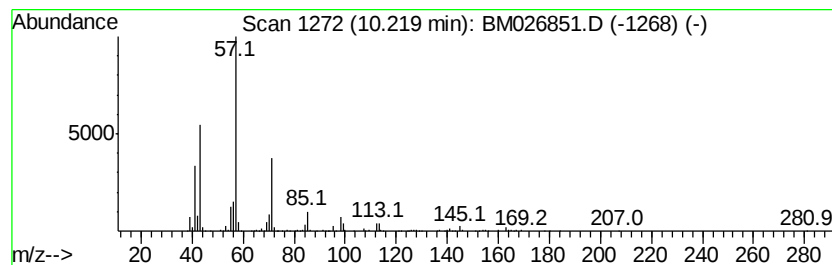
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dodecane, 6-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	6.22 ng	564858	Napthalene-d8	10.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 6-methyl-	184 C13H28	006044-71-9	93
2	Undecane, 4,6-dimethyl-	184 C13H28	017312-82-2	90
3	Decane, 2,6,8-trimethyl-	184 C13H28	062108-26-3	87
4	Decane, 2,5,9-trimethyl-	184 C13H28	062108-22-9	72
5	Dodecane	170 C12H26	000112-40-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
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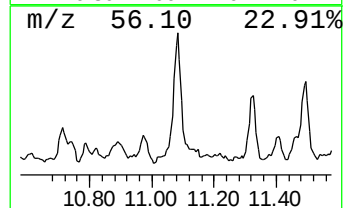
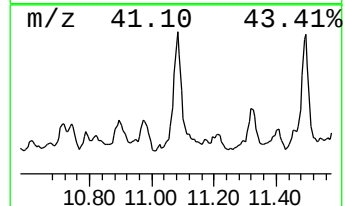
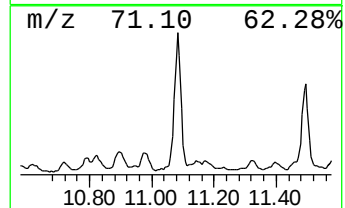
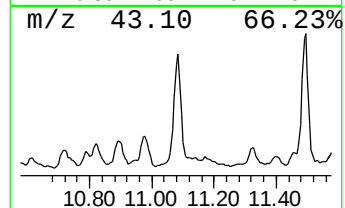
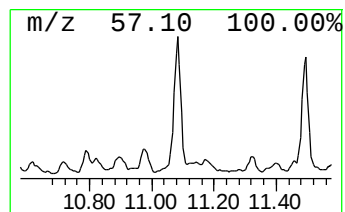
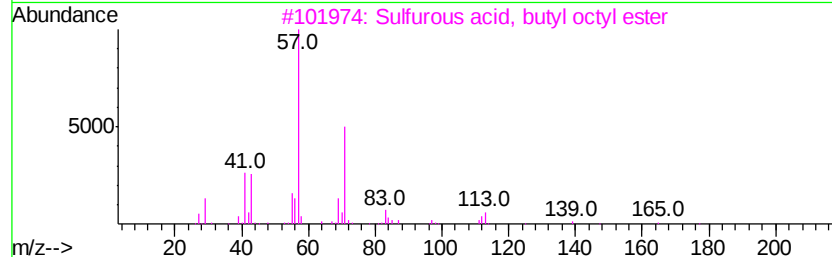
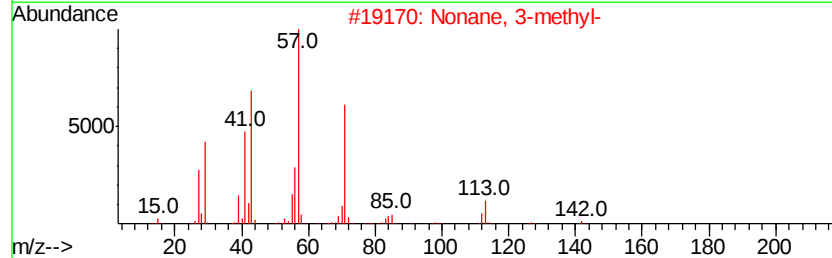
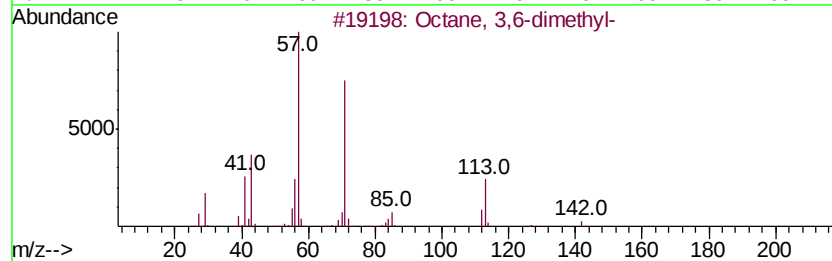
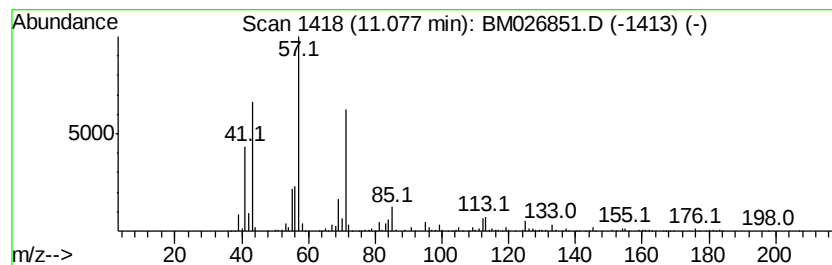
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octane, 3,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	12.32 ng	1118840	Naphthalene-d8	10.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	64
3		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	53
4		Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	53
5		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
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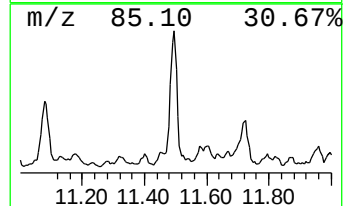
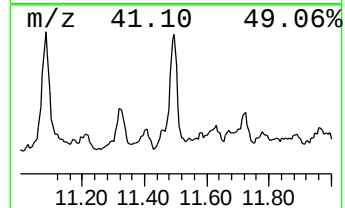
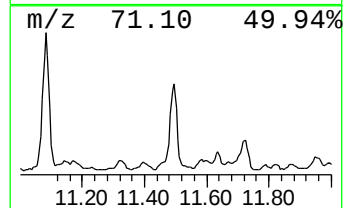
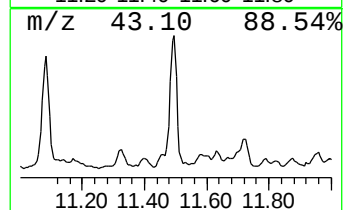
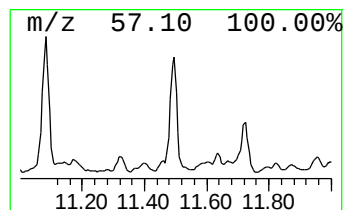
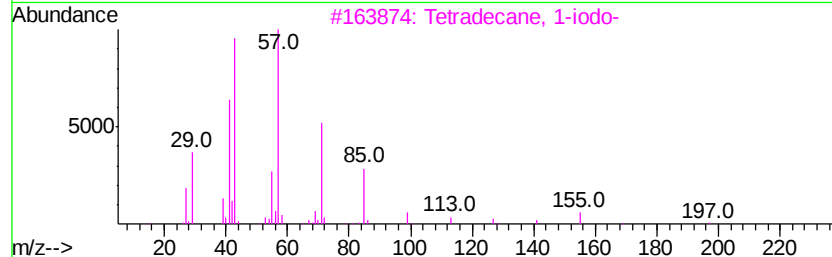
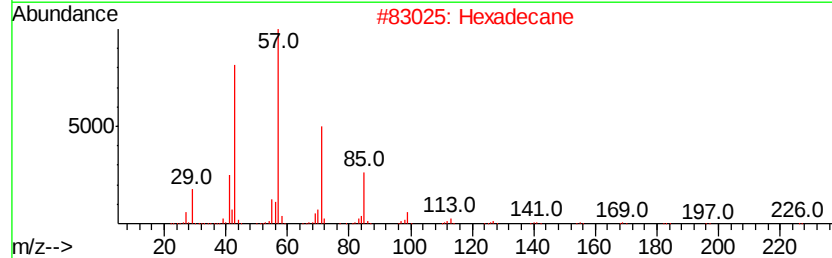
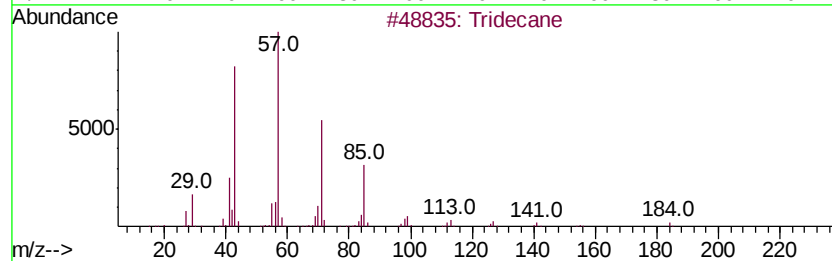
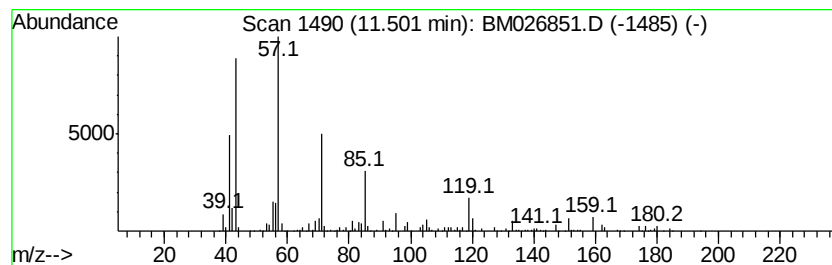
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tetradecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	8.57 ng	778133	Naphthalene-d8	10.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tridecane	184 C13H28	000629-50-5 81
2		Hexadecane	226 C16H34	000544-76-3 74
3		Tetradecane, 1-iodo-	324 C14H29I	019218-94-1 58
4		Undecane, 2-methyl-	170 C12H26	007045-71-8 53
5		Dodecane, 2-methyl-	184 C13H28	001560-97-0 53



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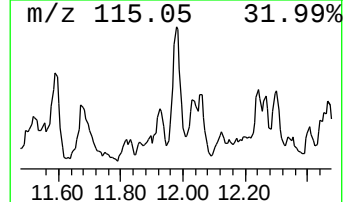
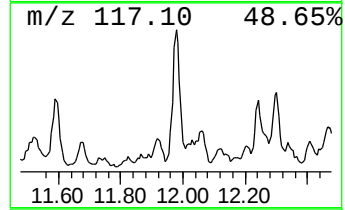
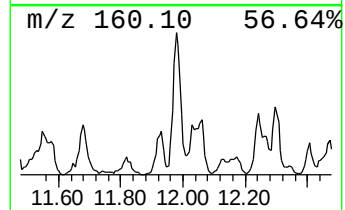
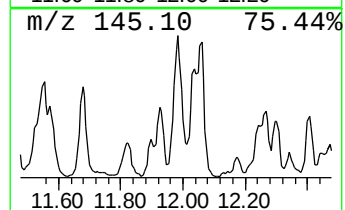
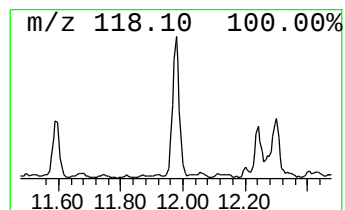
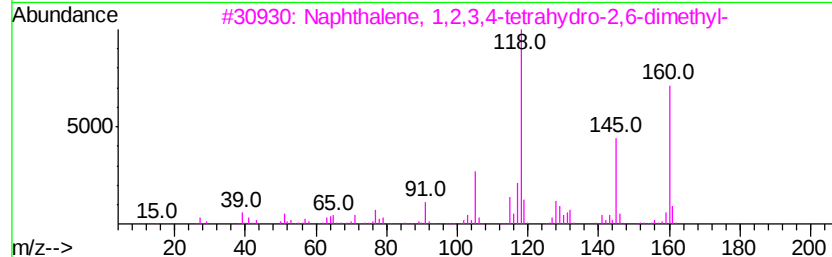
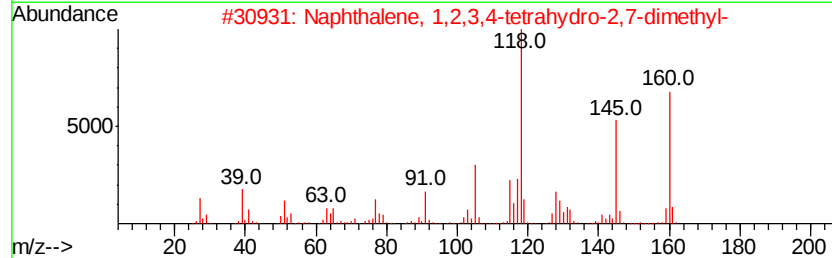
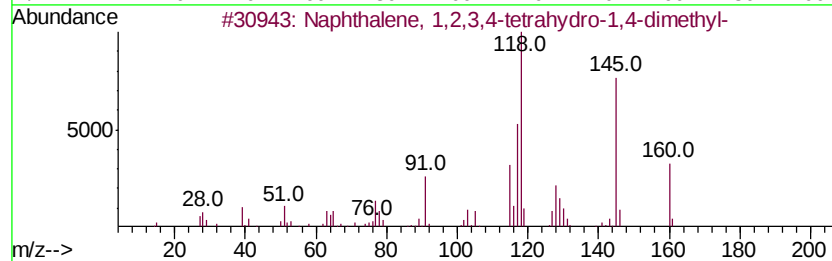
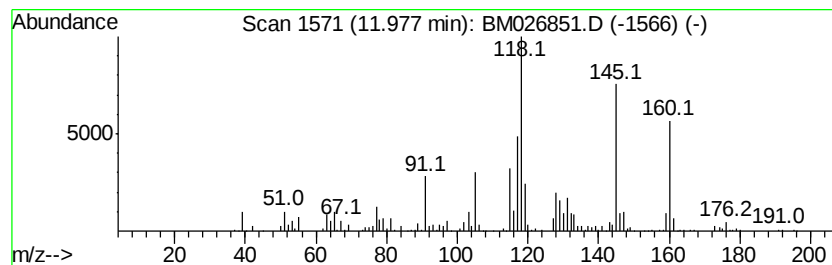
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	4.88 ng	443505	Naphthalene-d8	10.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	81
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	80
4		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	70
5		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	50



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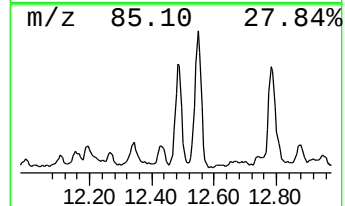
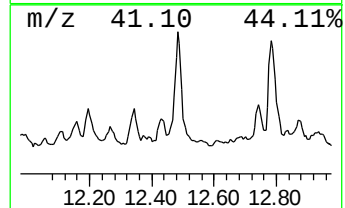
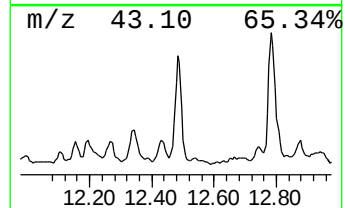
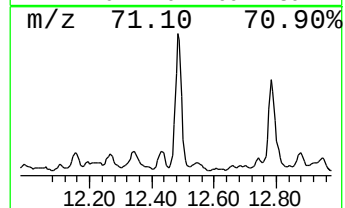
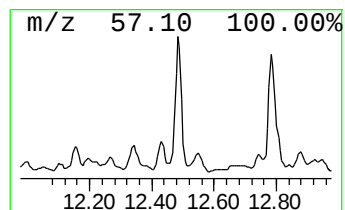
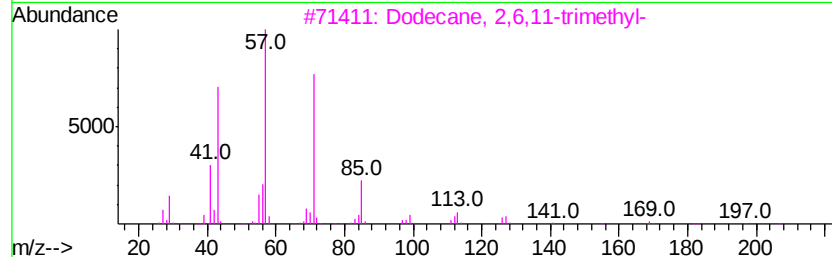
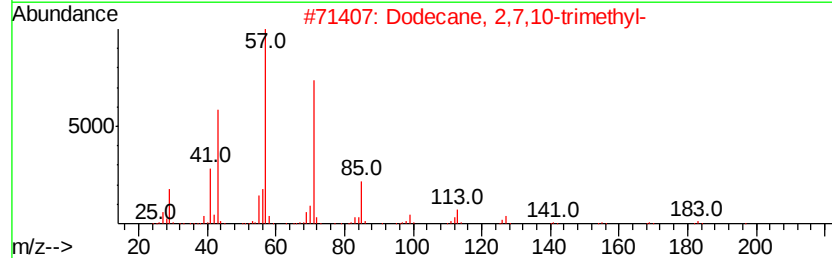
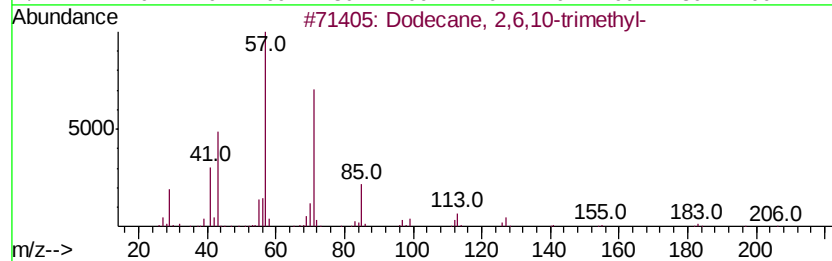
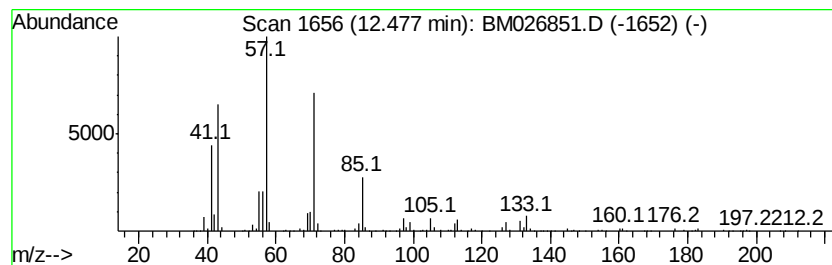
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Dodecane, 2,6,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	16.43 ng	872827	Acenaphthene-d10	13.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 2,6,10-trimethyl-	212 C15H32	003891-98-3	91
2	Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0	91
3	Dodecane, 2,6,11-trimethyl-	212 C15H32	031295-56-4	86
4	Bacchotricuneatin c	342 C20H22O5	066563-30-2	64
5	Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8	64



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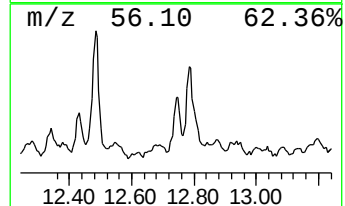
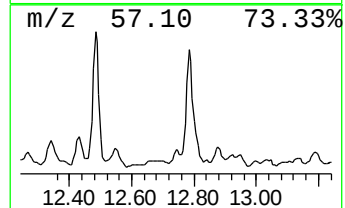
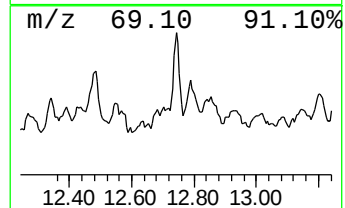
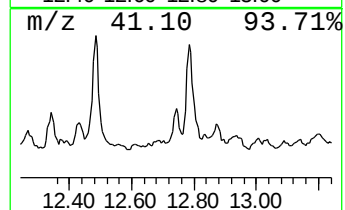
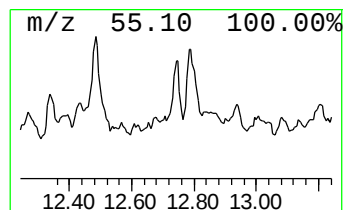
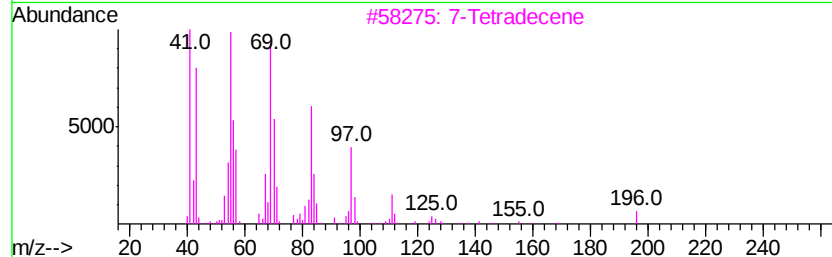
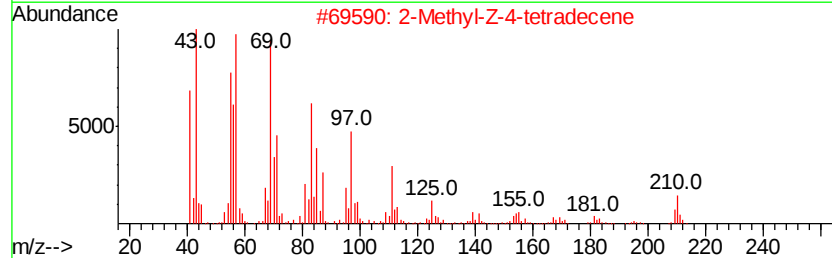
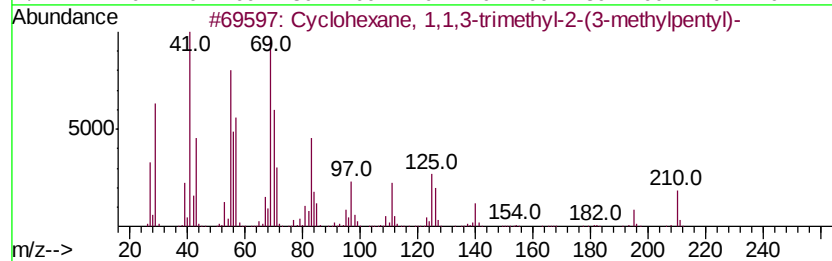
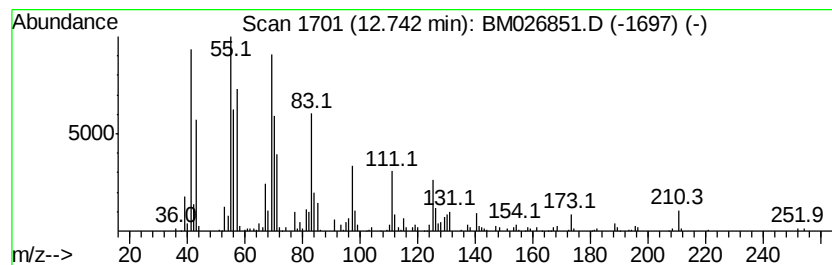
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Cyclohexane, 1,1,3-trimethy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	5.17 ng	274738	Acenaphthene-d10	13.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1,1,3-trimethyl-2-(...	210 C15H30	054965-05-8 94
2		2-Methyl-Z-4-tetradecene	210 C15H30	1000130-78-3 74
3		7-Tetradecene	196 C14H28	010374-74-0 64
4		Cyclopentane, decyl-	210 C15H30	001795-21-7 64
5		6-Tetradecene, (E)-	196 C14H28	041446-64-4 64



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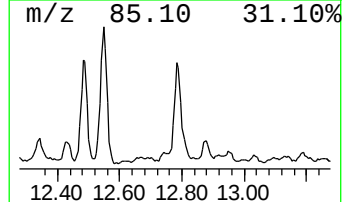
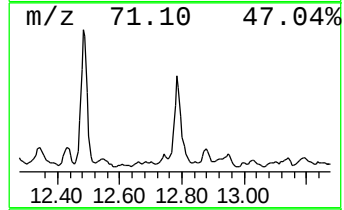
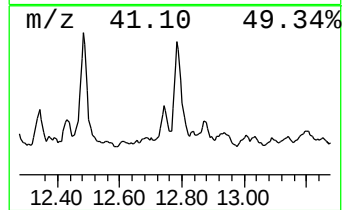
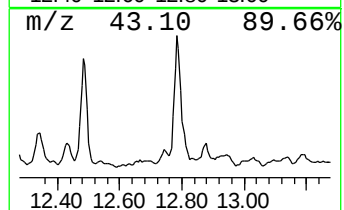
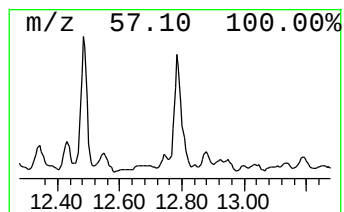
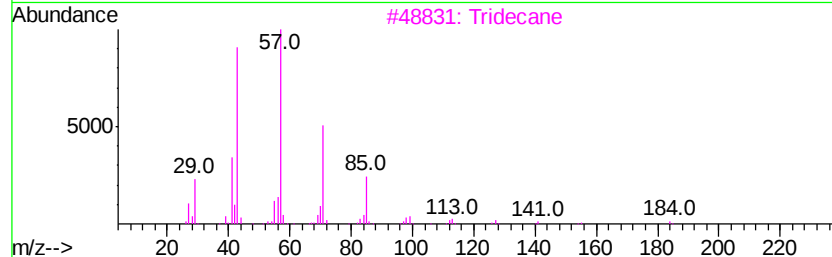
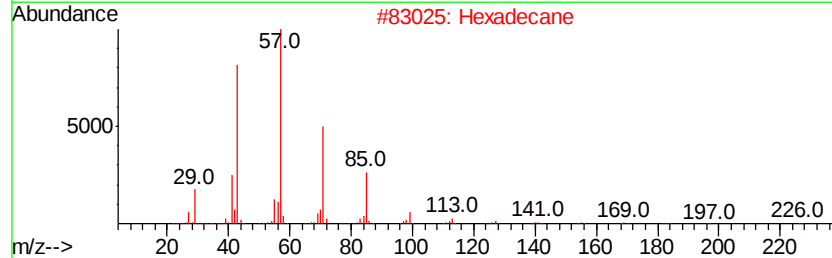
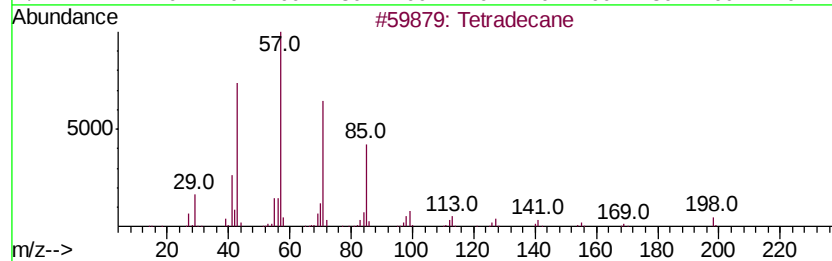
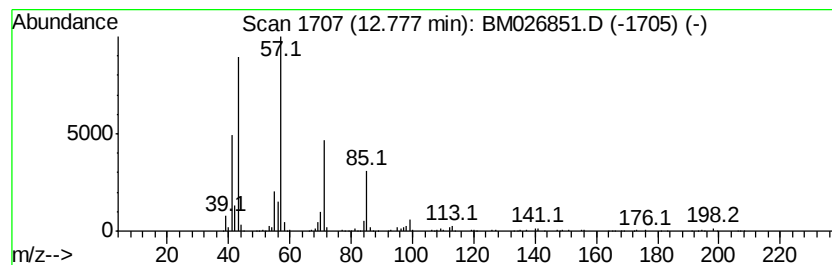
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	14.46 ng	767837	Acenaphthene-d10	13.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 91
2		Hexadecane	226 C16H34	000544-76-3 90
3		Tridecane	184 C13H28	000629-50-5 78
4		Tetradecane, 1-iodo-	324 C14H29I	019218-94-1 74
5		Pentadecane	212 C15H32	000629-62-9 72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026851.D
Acq On : 23 Jul 2020 15:04
Operator : JU/CG
Sample : L3184-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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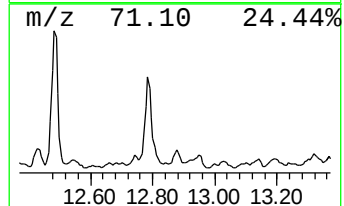
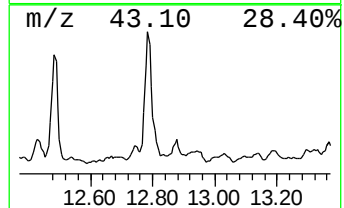
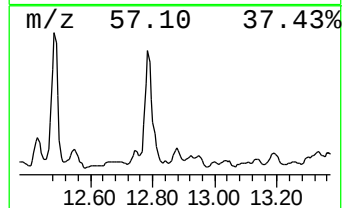
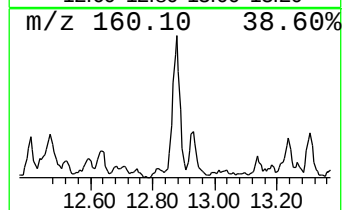
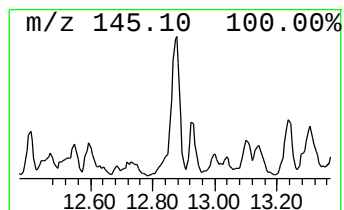
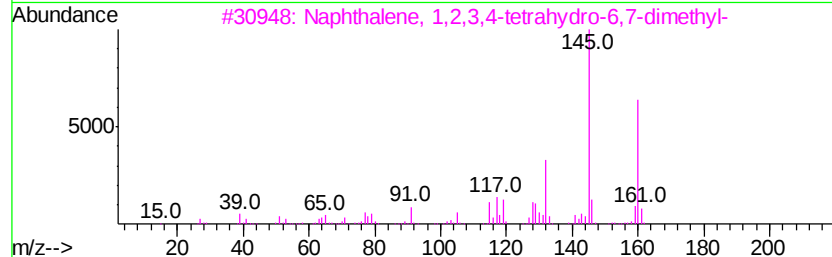
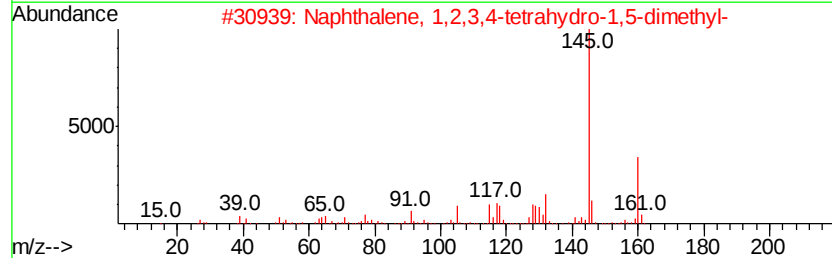
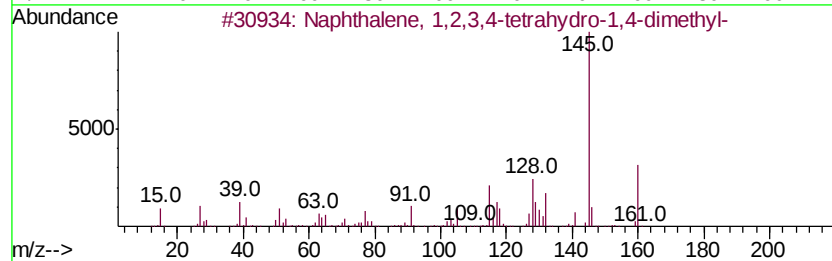
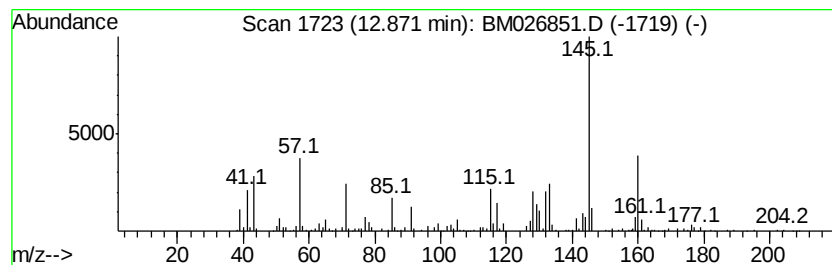
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	8.63 ng	458316	Acenaphthene-d10	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	81
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	76
4		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	76
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
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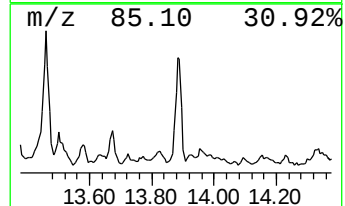
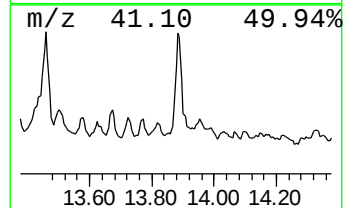
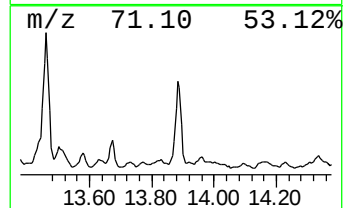
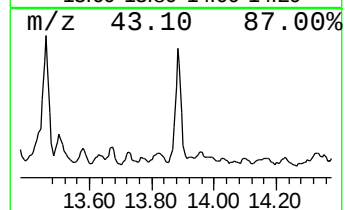
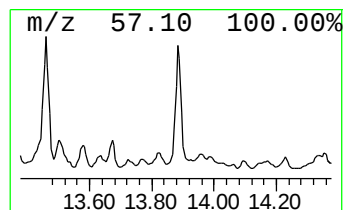
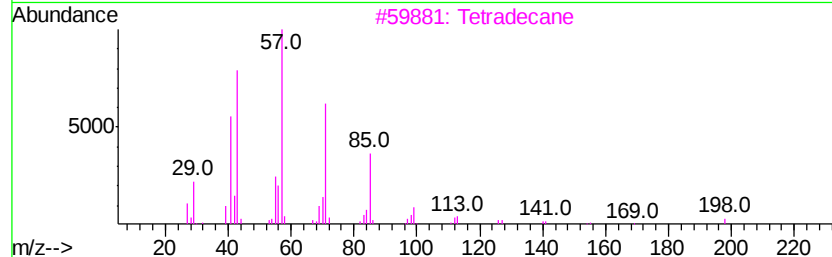
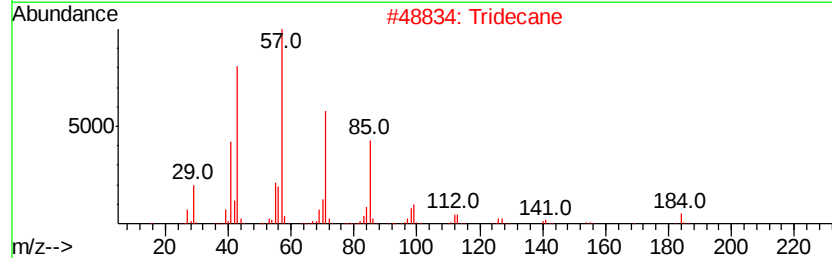
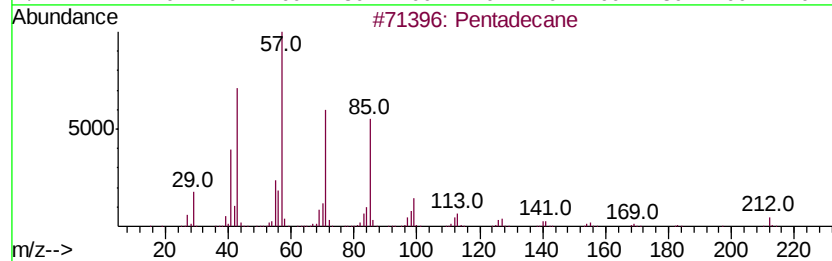
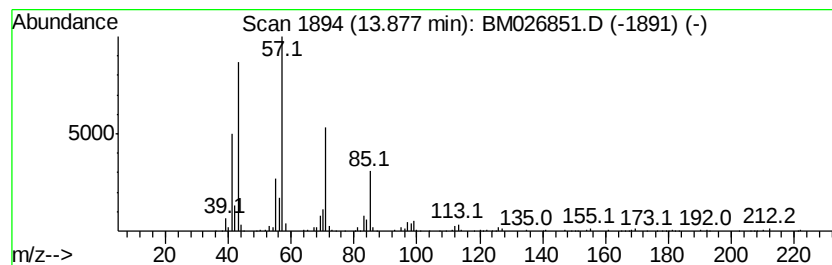
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	9.06 ng	481350	Acenaphthene-d10	13.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	94
2	Tridecane	184 C13H28	000629-50-5	90
3	Tetradecane	198 C14H30	000629-59-4	90
4	Undecane	156 C11H24	001120-21-4	83
5	Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
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Misc :
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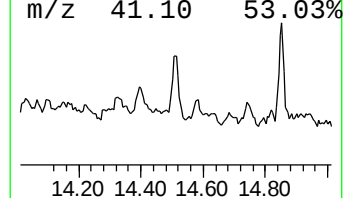
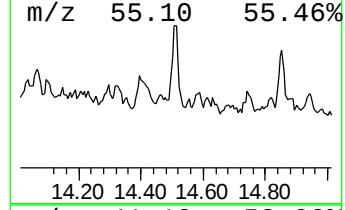
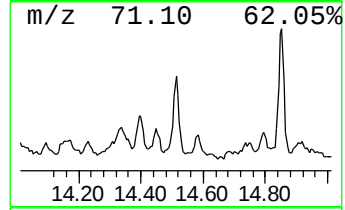
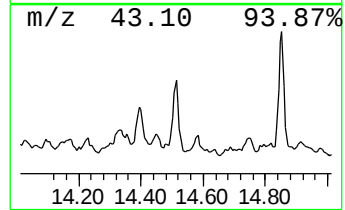
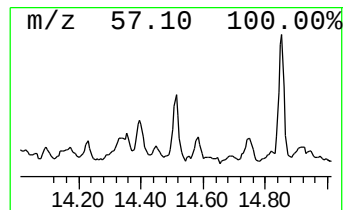
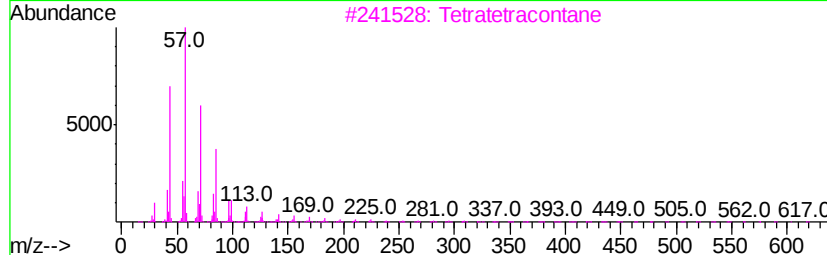
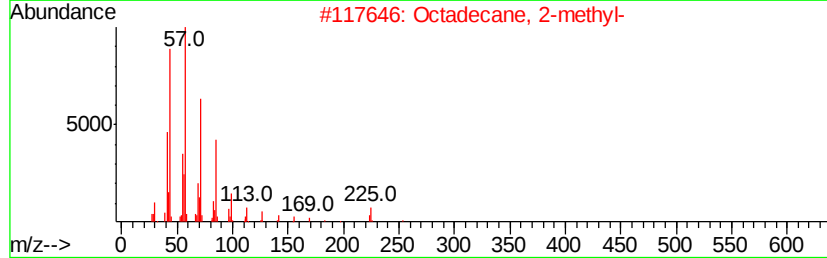
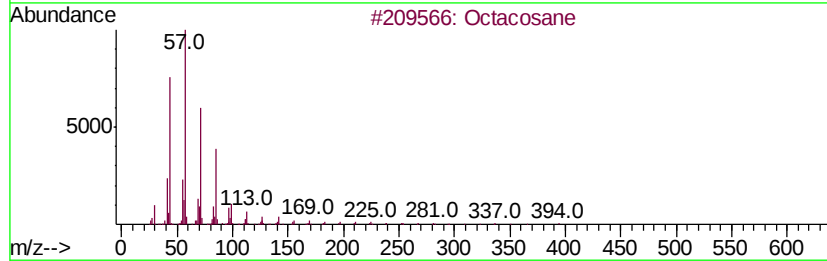
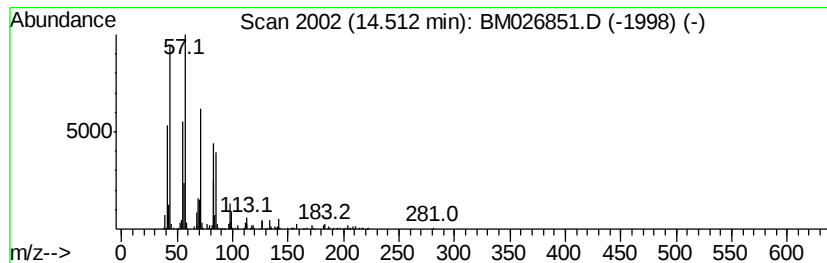
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Octacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	5.28 ng	280511	Acenaphthene-d10	13.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octacosane	394 C28H58	000630-02-4	58
2	Octadecane, 2-methyl-	268 C19H40	001560-88-9	52
3	Tetratetracontane	619 C44H90	007098-22-8	52
4	1-Iodo-2-methylundecane	296 C12H25I	073105-67-6	52
5	Tritetracontane	605 C43H88	007098-21-7	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
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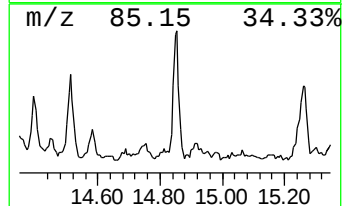
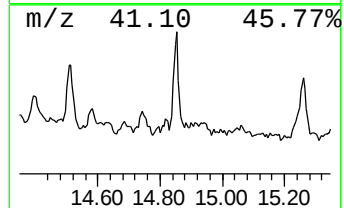
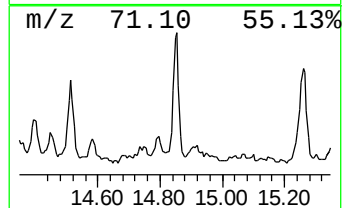
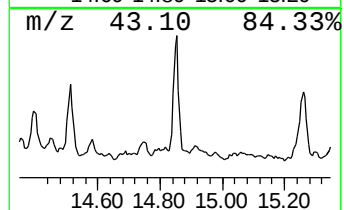
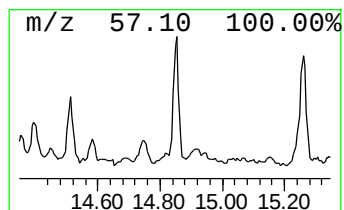
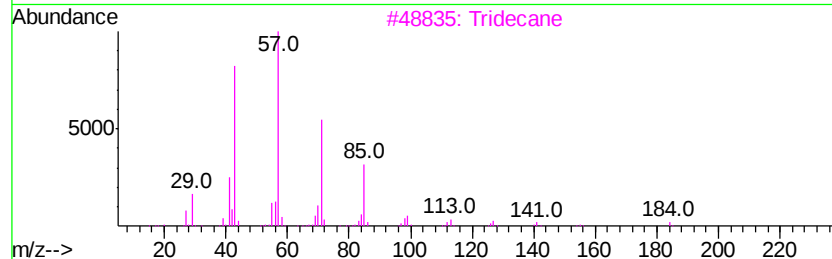
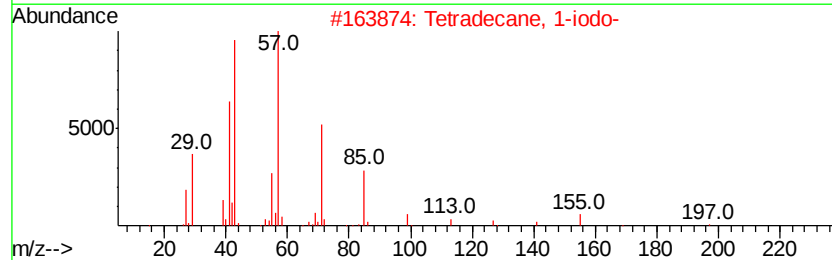
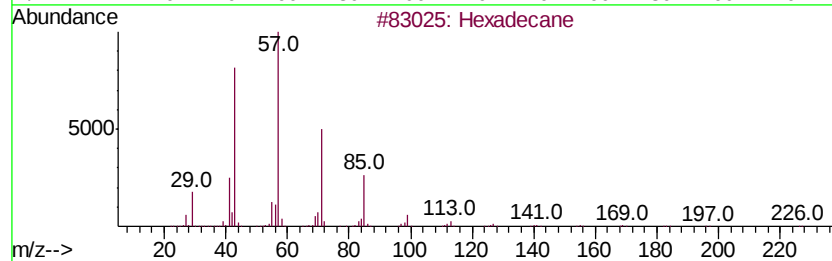
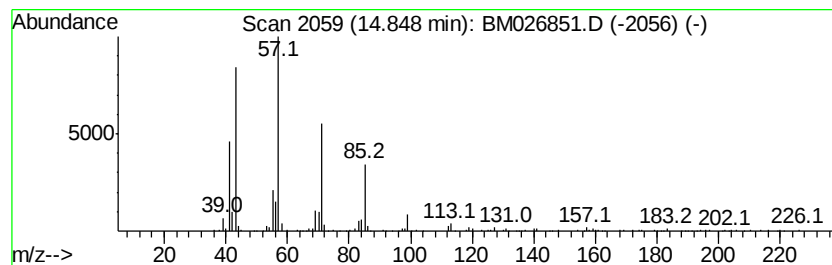
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	5.87 ng	311856	Acenaphthene-d10	13.95

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	86
3	Tridecane		184	C13H28	000629-50-5	80
4	Pentadecane, 2-methyl-		226	C16H34	001560-93-6	80
5	Sulfurous acid, 2-ethylhexyl iso...		278	C14H30O3S	1000309-19-0	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
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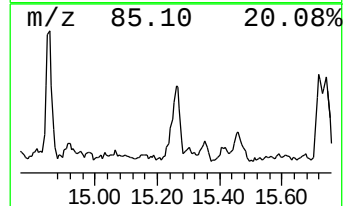
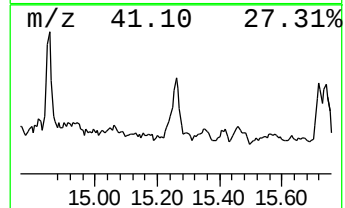
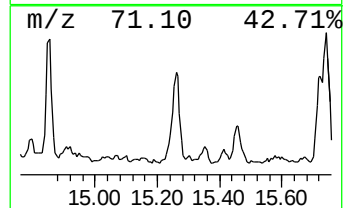
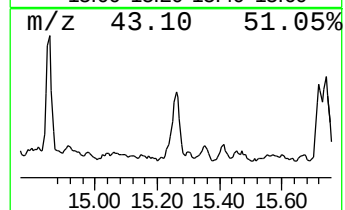
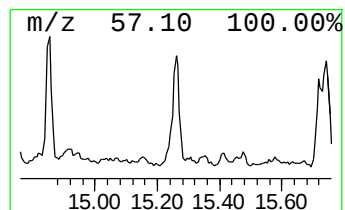
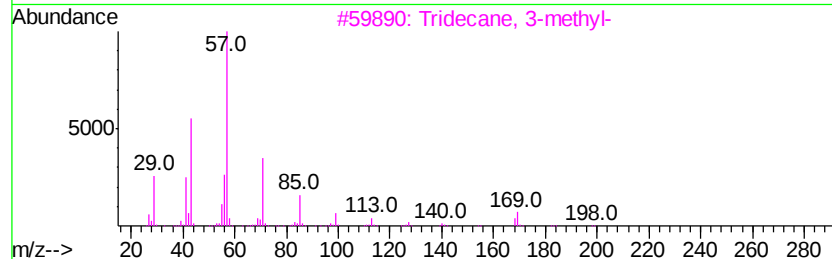
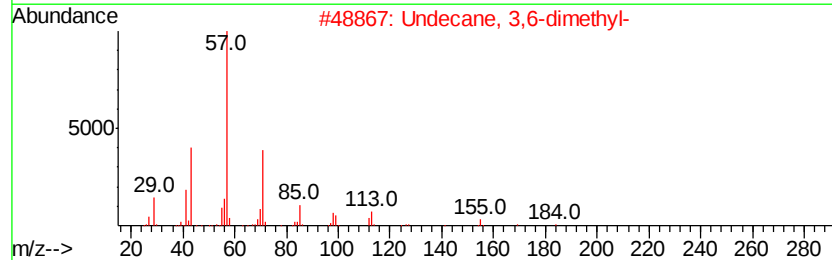
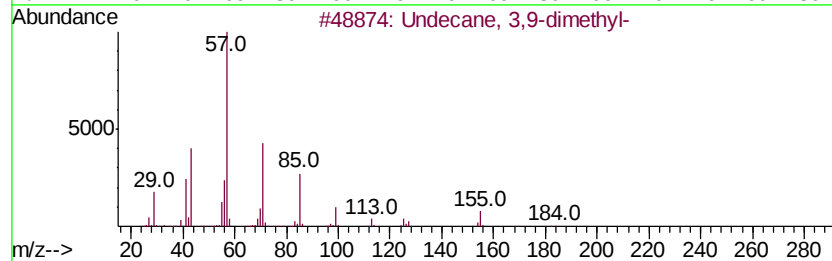
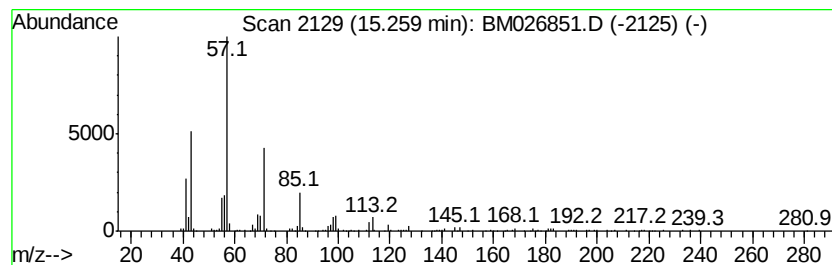
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Undecane, 3,9-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	4.91 ng	260601	Acenaphthene-d10	13.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 3,9-dimethyl-	184 C13H28	017301-31-4	72
2	Undecane, 3,6-dimethyl-	184 C13H28	017301-28-9	72
3	Tridecane, 3-methyl-	198 C14H30	006418-41-3	72
4	Tetratetracontane	619 C44H90	007098-22-8	64
5	Hentriacontane	437 C31H64	000630-04-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026851.D
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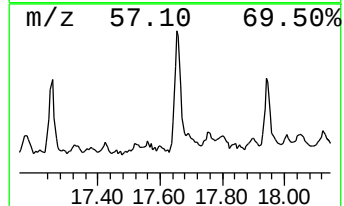
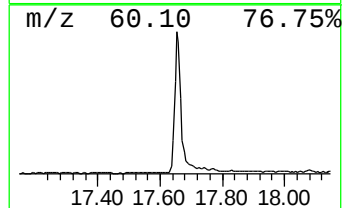
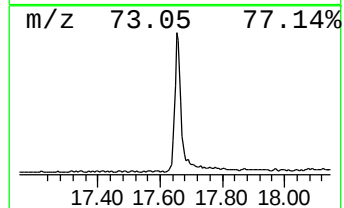
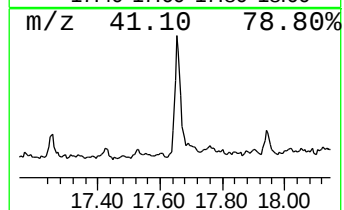
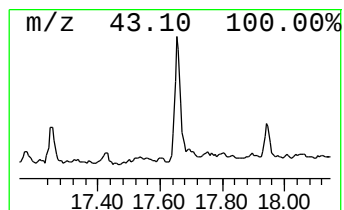
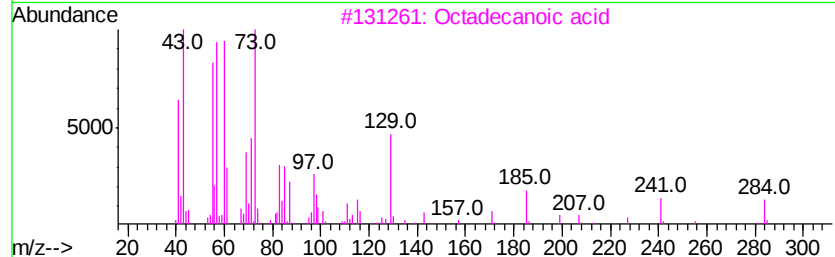
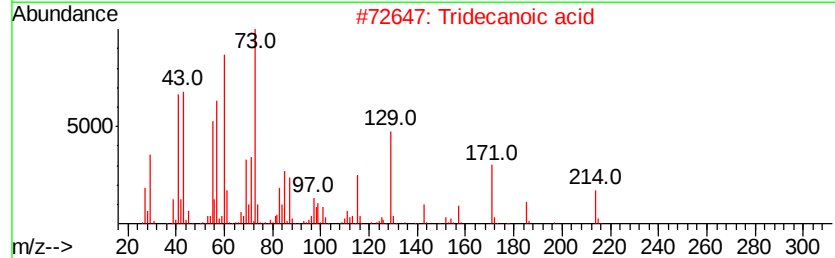
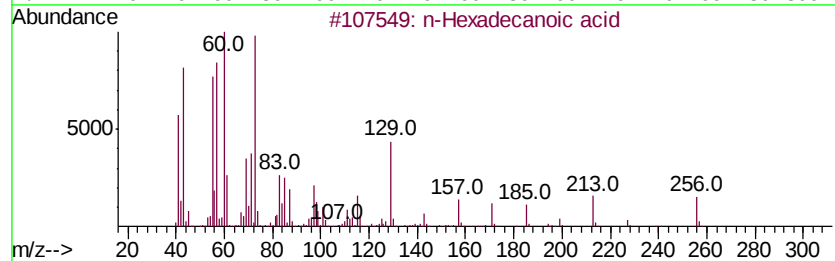
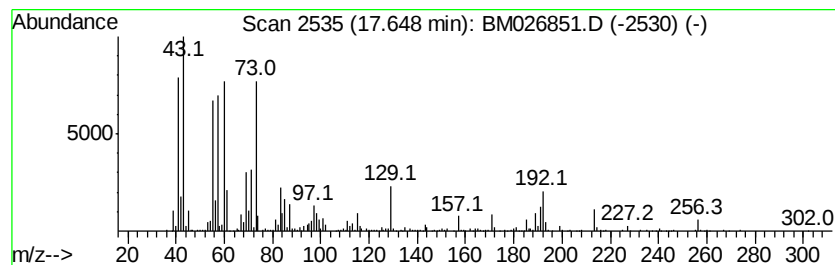
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	14.11 ng	732170	Phenanthrene-d10	16.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Octadecanoic acid	284	C18H36O2	000057-11-4	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5		Undecanoic acid	186	C11H22O2	000112-37-8	72



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ALS Vial : 5 Sample Multiplier: 1

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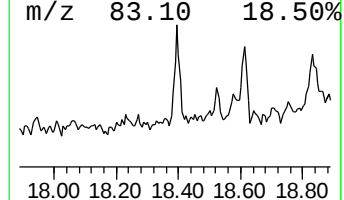
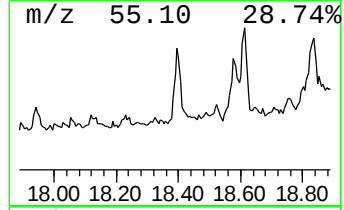
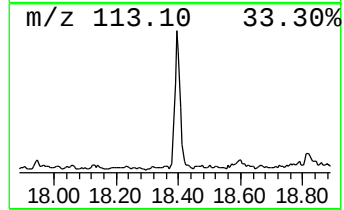
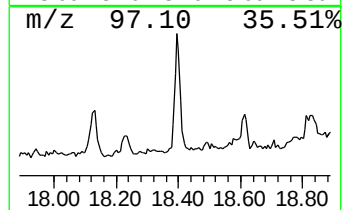
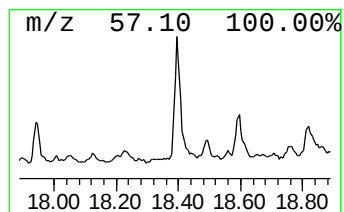
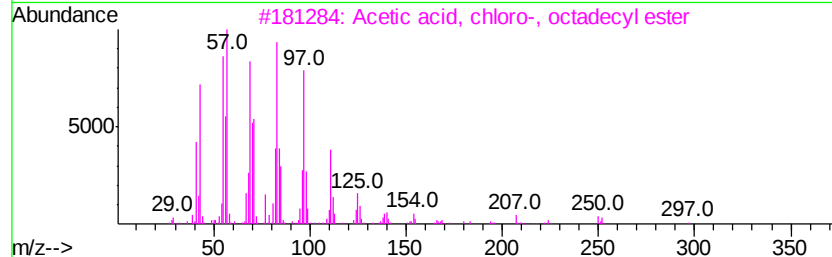
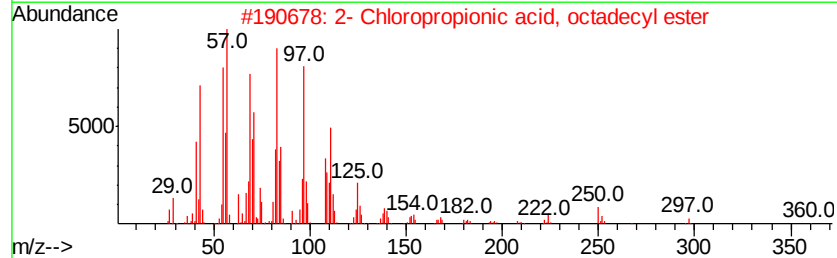
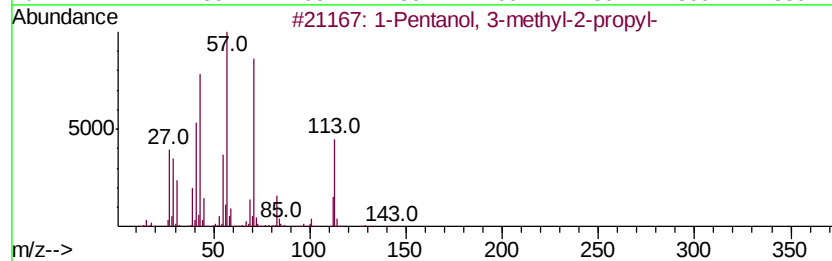
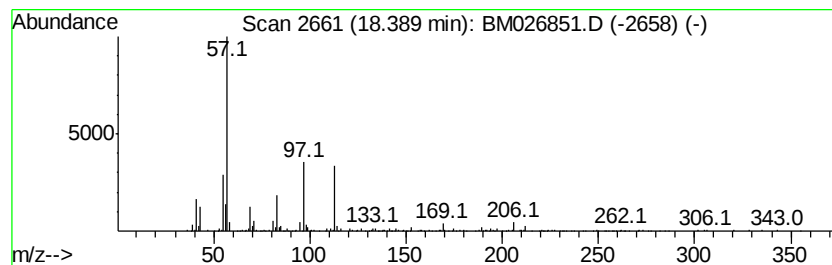
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown18.39 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	6.10 ng	316625	Phenanthrene-d10	16.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	47
2		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	35
3		Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	27
4		Hexanal, 3,5,5-trimethyl-	142	C9H18O	005435-64-3	27
5		2,2-Dimethyl-3-pentanol, heptafl...	312	C11H15F7O2	1000364-14-4	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026851.D
Acq On : 23 Jul 2020 15:04
Operator : JU/CG
Sample : L3184-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-03-072020

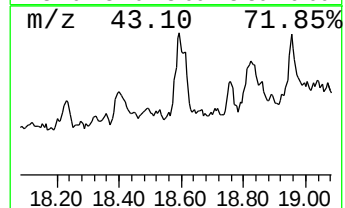
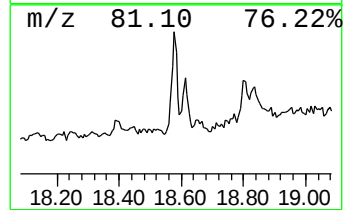
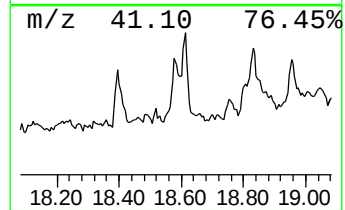
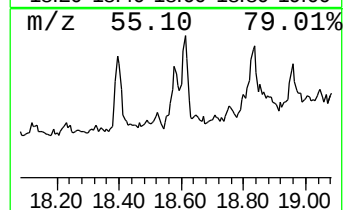
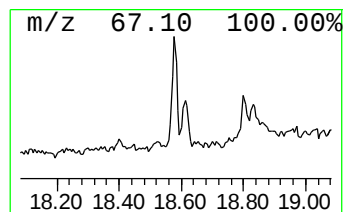
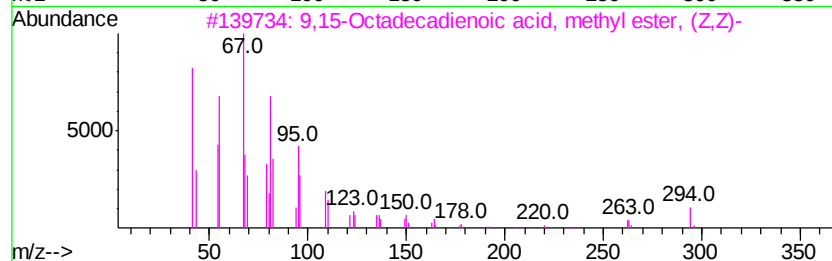
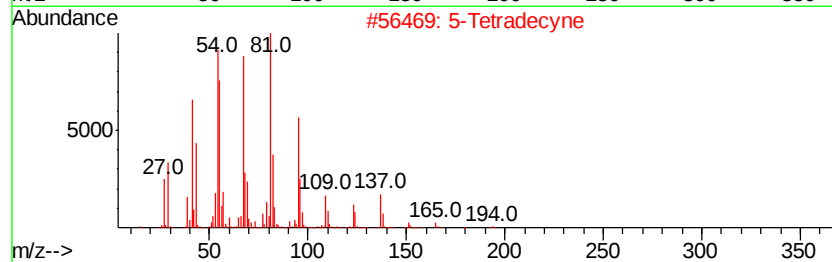
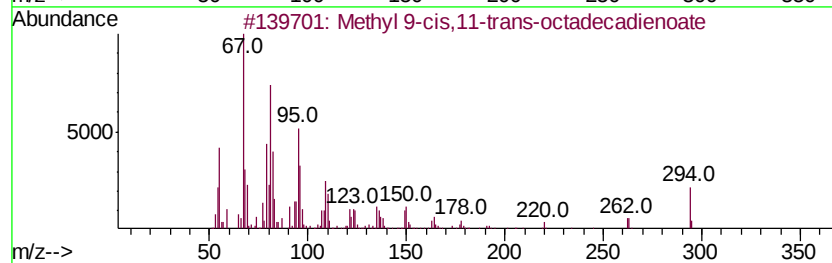
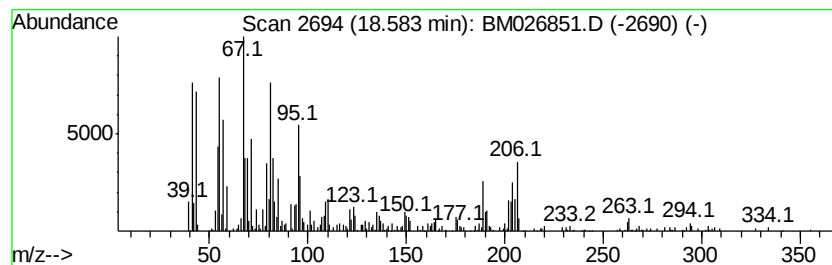
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Methyl 9-cis,11-trans-octad... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	6.72 ng	348719	Phenanthrene-d10	16.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	93
2		5-Tetradecyne	194	C14H26	060212-34-2	78
3		9,15-Octadecadienoic acid, methv...	294	C19H34O2	017309-05-6	68
4		7-Heptadecyne, 1-chloro-	270	C17H31Cl	056554-74-6	60
5		4-Tetradecyne	194	C14H26	060212-33-1	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026851.D
Acq On : 23 Jul 2020 15:04
Operator : JU/CG
Sample : L3184-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-03-072020

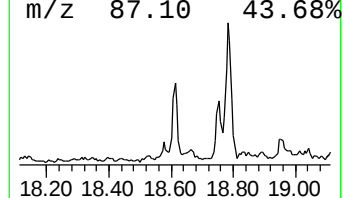
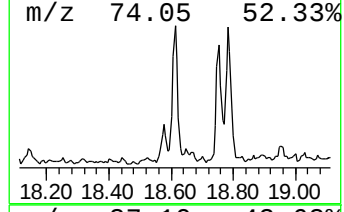
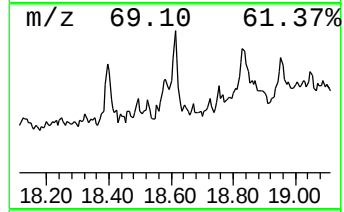
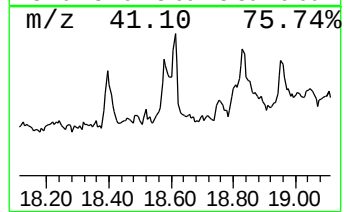
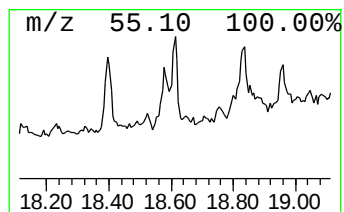
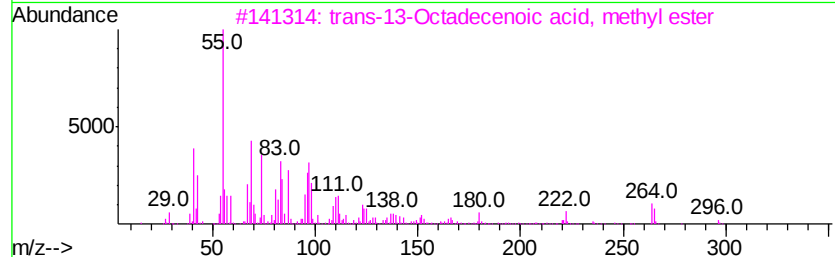
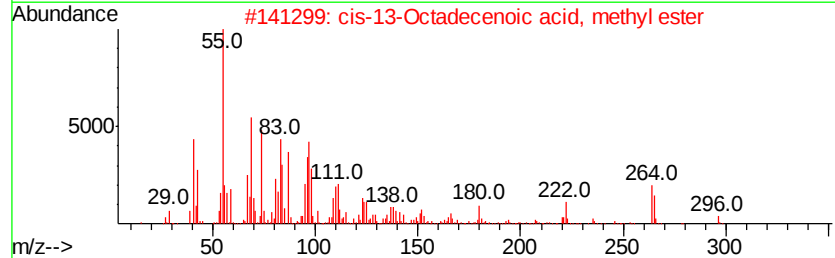
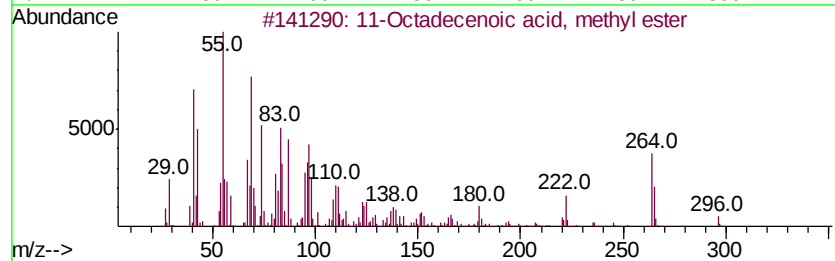
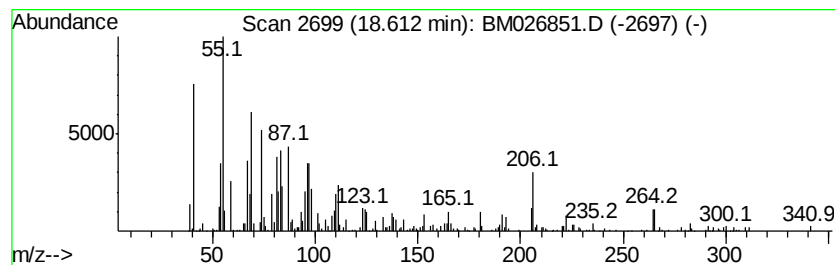
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 11-Octadecenoic acid, methy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.61	4.58 ng	237752	Phenanthrene-d10	16.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
2		cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	97
3		trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	96
4		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	90
5		9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026851.D
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Operator : JU/CG
Sample : L3184-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-03-072020

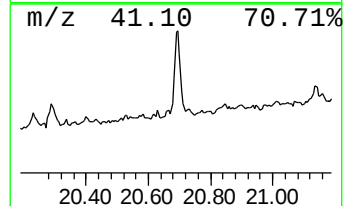
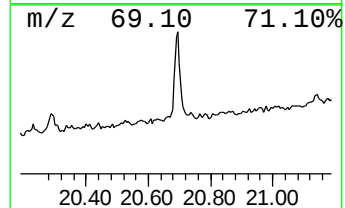
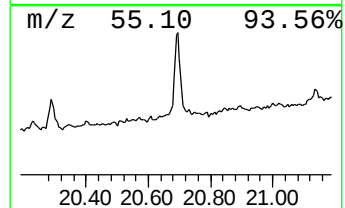
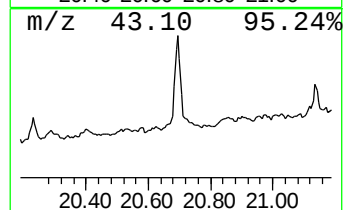
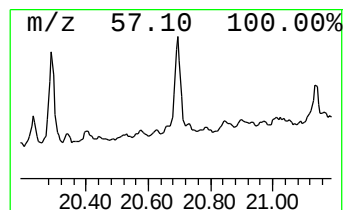
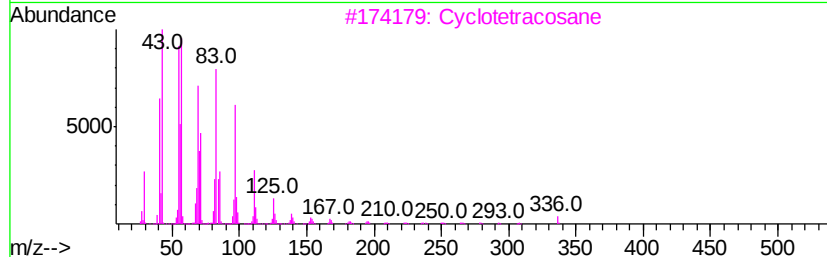
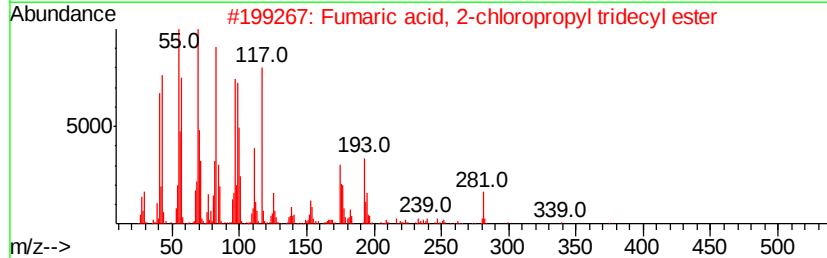
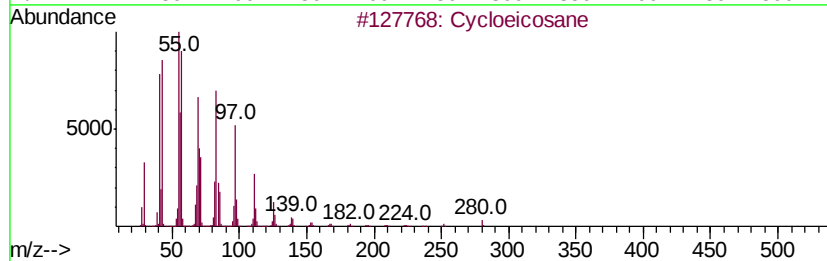
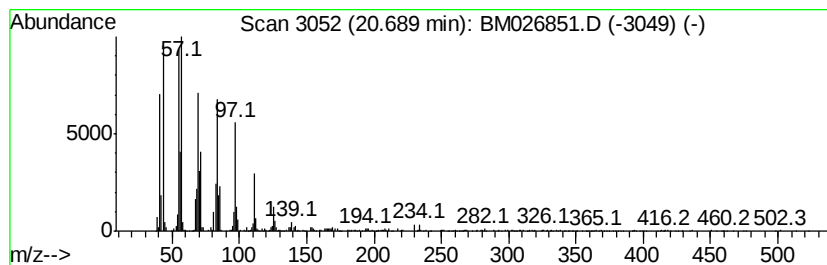
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Cycloeicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	8.70 ng	825196	Chrysene-d12	20.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloeicosane	280	C20H40	000296-56-0	96
2		Fumaric acid, 2-chloropropyl tri...	374	C20H35ClO4	1000348-57-1	95
3		Cyclotetracosane	336	C24H48	000297-03-0	95
4		1-Docosene	308	C22H44	001599-67-3	94
5		Cyclotetradecane	196	C14H28	000295-17-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072320\
 Data File : BM026851.D
 Acq On : 23 Jul 2020 15:04
 Operator : JU/CG
 Sample : L3184-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-03-072020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Undecene, (Z)-	7.81	7.0 ng		283801	1	7.28	809741	20.0
Tridecane	8.51	8.4 ng		338797	1	7.28	809741	20.0
unknown8.61	8.61	10.2 ng		411092	1	7.28	809741	20.0
Dodecane, 6-methyl-	10.22	6.2 ng		564858	2	10.03	1816940	20.0
Octane, 3,6-dimet...	11.08	12.3 ng		1118840	2	10.03	1816940	20.0
Tetradecane, 1-iodo-	11.50	8.6 ng		778133	2	10.03	1816940	20.0
Naphthalene, 1,2,...	11.98	4.9 ng		443505	2	10.03	1816940	20.0
Dodecane, 2,6,10-...	12.48	16.4 ng		872827	3	13.95	1062200	20.0
Cyclohexane, 1,1,...	12.74	5.2 ng		274738	3	13.95	1062200	20.0
Tetradecane	12.78	14.5 ng		767837	3	13.95	1062200	20.0
Naphthalene, 1,2,...	12.87	8.6 ng		458316	3	13.95	1062200	20.0
Pentadecane	13.88	9.1 ng		481350	3	13.95	1062200	20.0
Octacosane	14.51	5.3 ng		280511	3	13.95	1062200	20.0
Hexadecane	14.85	5.9 ng		311856	3	13.95	1062200	20.0
Undecane, 3,9-dim...	15.26	4.9 ng		260601	3	13.95	1062200	20.0
n-Hexadecanoic acid	17.65	14.1 ng		732170	4	16.71	1037740	20.0
unknown18.39	18.39	6.1 ng		316625	4	16.71	1037740	20.0
Methyl 9-cis,11-t...	18.58	6.7 ng		348719	4	16.71	1037740	20.0
11-Octadecenoic a...	18.61	4.6 ng		237752	4	16.71	1037740	20.0
Cycloeicosane	20.69	8.7 ng		825196	5	20.94	1897910	20.0