

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011019\
 Data File : BF112002.D
 Acq On : 10 Jan 2019 21:59
 Operator : JU/SJ
 Sample : K1005-03 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-010918-B

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_F\METHODS\8270-BF010719.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	5.081	505	509	517	rVB	76096	89580	3.55%	0.270%
2	5.504	577	581	590	rVB	1479709	1285113	50.95%	3.870%
3	6.134	685	688	694	rBV2	58800	70820	2.81%	0.213%
4	6.322	714	720	723	rBV	47755	58185	2.31%	0.175%
5	6.410	732	735	738	rBV2	82111	86138	3.42%	0.259%
6	6.475	742	746	749	rBV2	63885	77009	3.05%	0.232%
7	6.510	749	752	758	rBV	1388135	1276598	50.61%	3.844%
8	6.622	766	771	772	rBV2	51839	57621	2.28%	0.174%
9	6.645	772	775	782	rVB	1376105	1310381	51.95%	3.946%
10	6.698	782	784	785	rBV	90276	72438	2.87%	0.218%
11	6.716	785	787	790	rVB	329047	231743	9.19%	0.698%
12	6.816	798	804	806	rBV4	26349	47786	1.89%	0.144%
13	6.875	810	814	822	rVV2	869703	821606	32.57%	2.474%
14	6.934	822	824	828	rVB2	107462	106194	4.21%	0.320%
15	6.992	828	834	837	rBV4	57043	78469	3.11%	0.236%
16	7.034	837	841	844	rVV	1205365	1102979	43.73%	3.321%
17	7.110	851	854	856	rBV	46845	47040	1.86%	0.142%
18	7.151	859	861	864	rVB	159850	146607	5.81%	0.441%
19	7.187	864	867	870	rBV2	113678	140039	5.55%	0.422%
20	7.216	870	872	876	rVB	129663	108789	4.31%	0.328%
21	7.269	876	881	885	rBV3	171708	204370	8.10%	0.615%
22	7.304	885	887	892	rVB5	39764	48611	1.93%	0.146%
23	7.434	900	909	912	rBV	825605	995645	39.47%	2.998%
24	7.475	913	916	920	rVB	768439	590175	23.40%	1.777%
25	7.528	920	925	928	rVB3	123420	178300	7.07%	0.537%
26	7.563	928	931	932	rBV	66929	74280	2.94%	0.224%
27	7.587	932	935	938	rVB3	65265	76184	3.02%	0.229%
28	7.657	944	947	949	rBV	53423	55804	2.21%	0.168%
29	7.686	949	952	954	rVB2	113449	117798	4.67%	0.355%
30	7.763	960	965	966	rBV3	76337	79384	3.15%	0.239%
31	7.781	966	968	970	rVB	95780	66961	2.65%	0.202%
32	7.804	970	972	975	rVB3	105120	93817	3.72%	0.283%
33	7.845	975	979	981	rVB3	137158	159897	6.34%	0.481%
34	7.875	981	984	986	rBV2	196761	168804	6.69%	0.508%

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35	7.910	986	990	995	rVB5	194917	314272	12.46%	0.946%
36	7.951	995	997	1000	rBV2	126059	116282	4.61%	0.350%
37	7.998	1003	1005	1008	rVB	149616	117610	4.66%	0.354%
38	8.028	1008	1010	1014	rBV2	68471	81996	3.25%	0.247%
39	8.122	1020	1026	1027	rBV4	79737	145069	5.75%	0.437%
40	8.145	1027	1030	1031	rVV	773698	865885	34.33%	2.607%
41	8.157	1031	1032	1036	rVV	873812	585533	23.21%	1.763%
42	8.222	1038	1043	1045	rVB2	319580	363774	14.42%	1.095%
43	8.251	1045	1048	1050	rBV2	124359	119302	4.73%	0.359%
44	8.275	1050	1052	1055	rVB2	53955	49160	1.95%	0.148%
45	8.316	1055	1059	1061	rBV4	72760	94639	3.75%	0.285%
46	8.357	1064	1066	1070	rVB2	117812	122576	4.86%	0.369%
47	8.451	1077	1082	1089	rBV5	255677	366171	14.52%	1.103%
48	8.504	1089	1091	1094	rVB3	182699	164612	6.53%	0.496%
49	8.539	1094	1097	1100	rBV3	201545	234718	9.31%	0.707%
50	8.581	1100	1104	1106	rBV2	293322	258258	10.24%	0.778%
51	8.604	1106	1108	1110	rVV2	75568	54379	2.16%	0.164%
52	8.628	1110	1112	1114	rVB2	99356	79334	3.15%	0.239%
53	8.663	1115	1118	1121	rBV	271332	221589	8.79%	0.667%
54	8.704	1121	1125	1127	rBV5	70974	75476	2.99%	0.227%
55	8.751	1129	1133	1137	rBV	778925	665021	26.37%	2.003%
56	8.786	1137	1139	1141	rBV3	50455	56024	2.22%	0.169%
57	8.816	1142	1144	1146	rVV2	90332	90795	3.60%	0.273%
58	8.845	1146	1149	1152	rVB3	141437	177102	7.02%	0.533%
59	8.910	1157	1160	1162	rBV3	66508	54162	2.15%	0.163%
60	8.939	1162	1165	1168	rBV4	41104	77333	3.07%	0.233%
61	8.981	1170	1172	1175	rVB3	120907	87275	3.46%	0.263%
62	9.033	1178	1181	1182	rBV2	86875	75898	3.01%	0.229%
63	9.110	1191	1194	1199	rVB3	138027	187920	7.45%	0.566%
64	9.151	1199	1201	1203	rBV2	115536	97647	3.87%	0.294%
65	9.181	1203	1206	1211	rVV3	196830	219940	8.72%	0.662%
66	9.228	1211	1214	1218	rVV	1529171	1330866	52.76%	4.008%
67	9.316	1225	1229	1233	rBV	508797	494681	19.61%	1.490%
68	9.357	1233	1236	1238	rVV4	65749	87872	3.48%	0.265%
69	9.386	1238	1241	1243	rVV3	101301	106162	4.21%	0.320%
70	9.569	1266	1272	1274	rBV3	112975	159938	6.34%	0.482%
71	9.592	1274	1276	1278	rVV2	95119	82006	3.25%	0.247%

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72	9.622	1278	1281	1285	rVV2	398944	444086	17.61%	1.337%
73	9.657	1285	1287	1290	rVV2	107726	100851	4.00%	0.304%
74	9.692	1290	1293	1296	rVB2	98495	81908	3.25%	0.247%
75	9.845	1316	1319	1321	rVB	279877	233474	9.26%	0.703%
76	9.916	1327	1331	1334	rVB	928771	867883	34.41%	2.613%
77	10.163	1370	1373	1378	rBV6	46531	73641	2.92%	0.222%
78	10.339	1397	1403	1407	rBV	163627	165594	6.57%	0.499%
79	10.563	1436	1441	1446	rVB	51523	73874	2.93%	0.222%
80	10.698	1459	1464	1473	rBV	1004529	978084	38.78%	2.945%
81	10.816	1481	1484	1493	rVB	138091	162625	6.45%	0.490%
82	11.263	1557	1560	1563	rBV	108341	90214	3.58%	0.272%
83	11.292	1563	1565	1571	rVB	47539	55214	2.19%	0.166%
84	11.398	1579	1583	1586	rBV	1127121	952772	37.77%	2.869%
85	11.692	1629	1633	1635	rBV	80307	74036	2.94%	0.223%
86	11.786	1646	1649	1652	rBV	839753	637729	25.28%	1.920%
87	12.098	1699	1702	1706	rBV	80794	66328	2.63%	0.200%
88	12.474	1762	1766	1768	rVV	2721619	2522260	100.00%	7.595%
89	12.498	1768	1770	1776	rVV	2922571	2455499	97.35%	7.394%
90	12.580	1780	1784	1787	rVV	408346	320074	12.69%	0.964%
91	12.616	1787	1790	1795	rVV	65072	71464	2.83%	0.215%
92	12.845	1826	1829	1830	rBV	59565	64614	2.56%	0.195%
93	12.980	1848	1852	1856	rBV	1915508	1670743	66.24%	5.031%
94	13.216	1889	1892	1899	rVB3	78847	129586	5.14%	0.390%
95	13.557	1947	1950	1952	rBV	73389	71436	2.83%	0.215%
96	13.880	2001	2005	2011	rBV2	157548	205369	8.14%	0.618%
97	13.974	2018	2021	2025	rBV2	73289	98231	3.89%	0.296%
98	14.039	2028	2032	2036	rBV	1124954	1013964	40.20%	3.053%
99	14.198	2057	2059	2062	rBV	100276	74832	2.97%	0.225%
100	15.521	2280	2284	2294	rVB	572882	846195	33.55%	2.548%

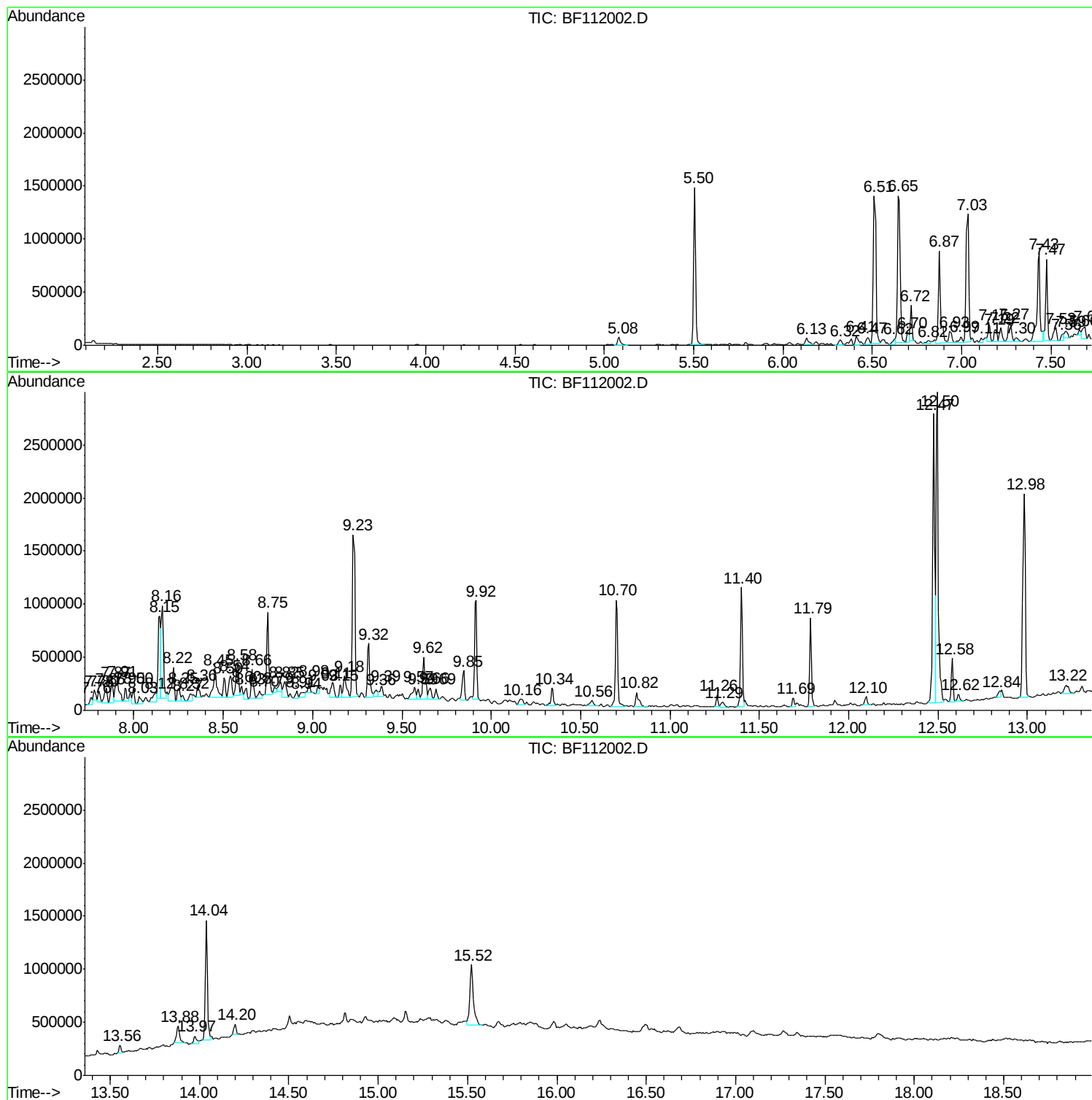
Sum of corrected areas: 33209022

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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.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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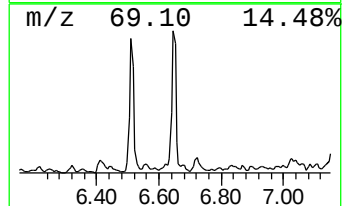
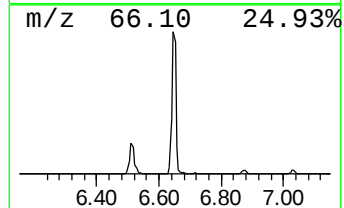
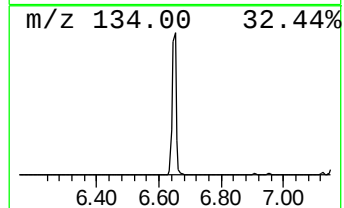
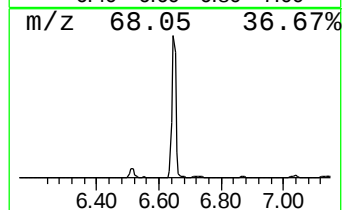
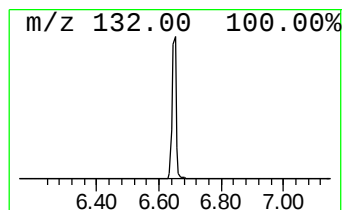
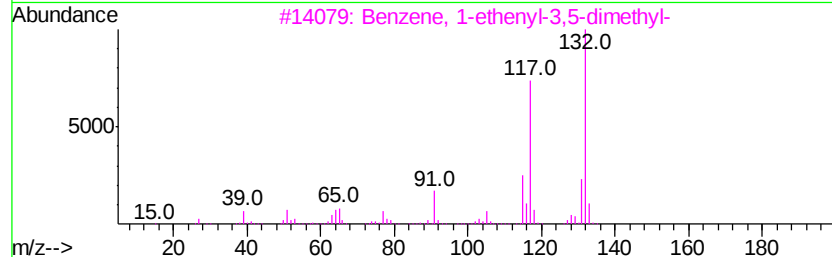
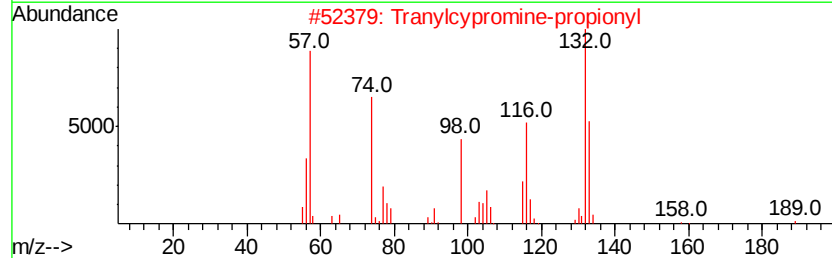
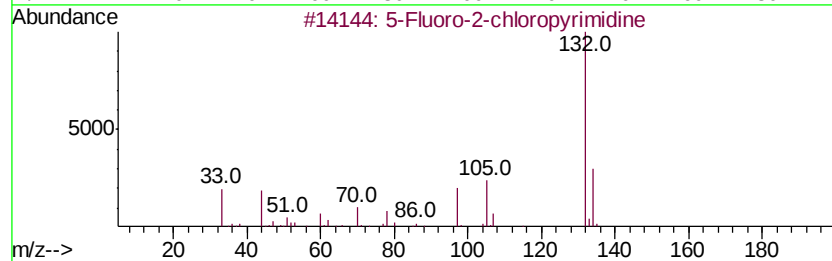
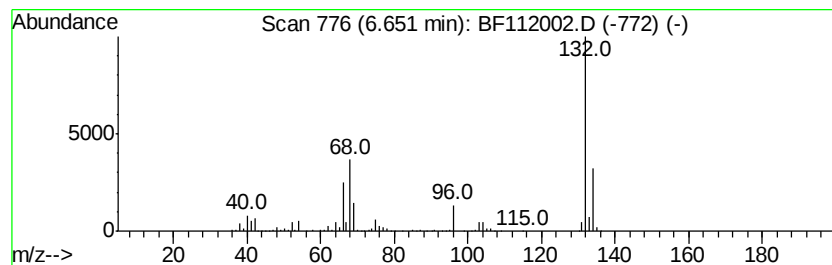
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.65 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	31.90 ng	1310380	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
3		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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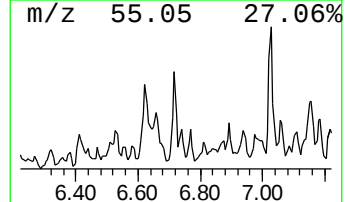
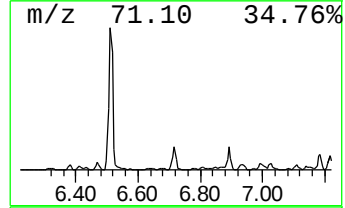
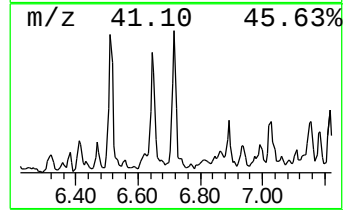
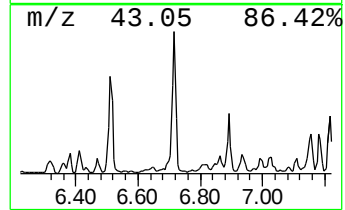
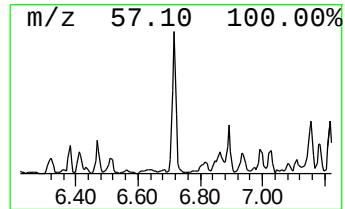
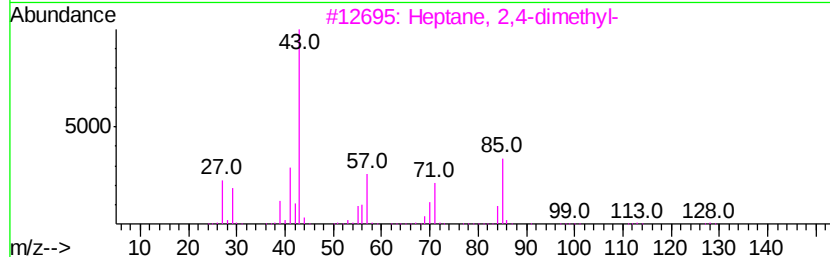
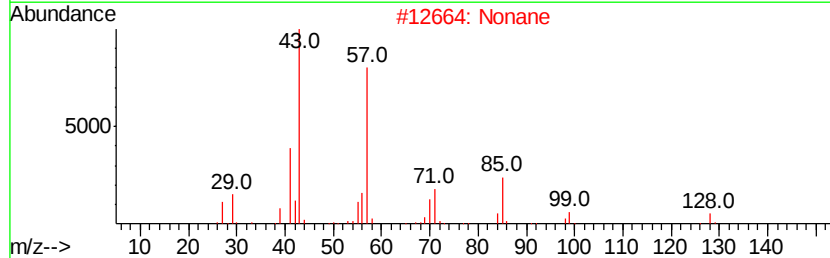
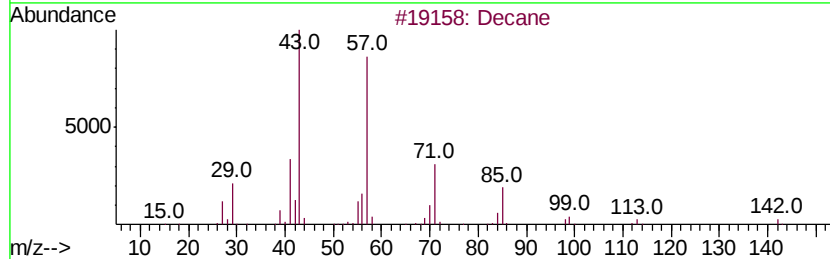
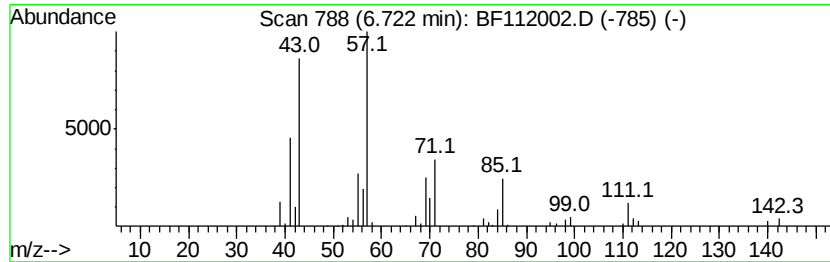
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	5.64 ng	231743	1,4-Dichlorobenzene-d4	6.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	94
2	Nonane		128	C9H20	000111-84-2	72
3	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	64
4	Decane, 2,9-dimethyl-		170	C12H26	001002-17-1	59
5	Octane, 3,5-dimethyl-		142	C10H22	015869-93-9	59



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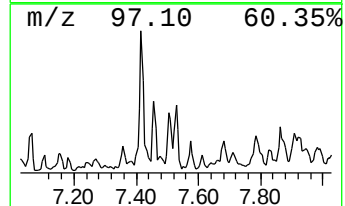
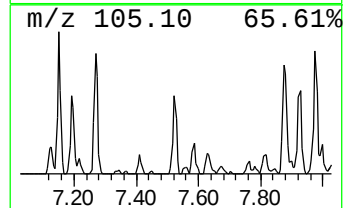
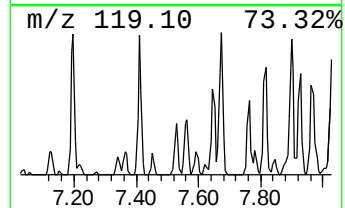
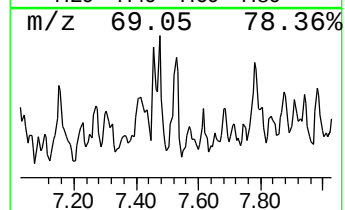
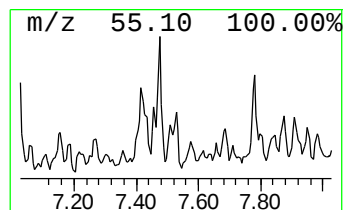
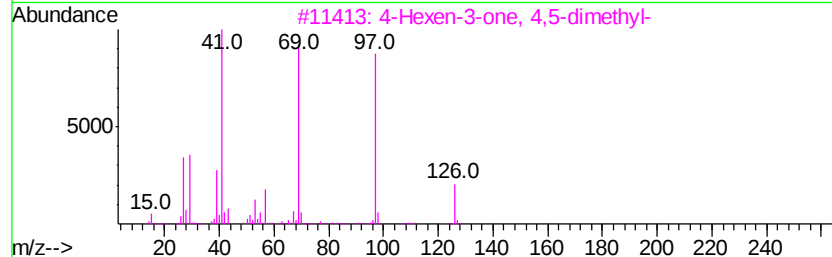
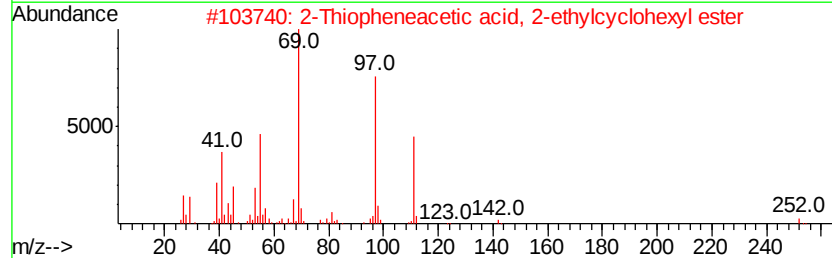
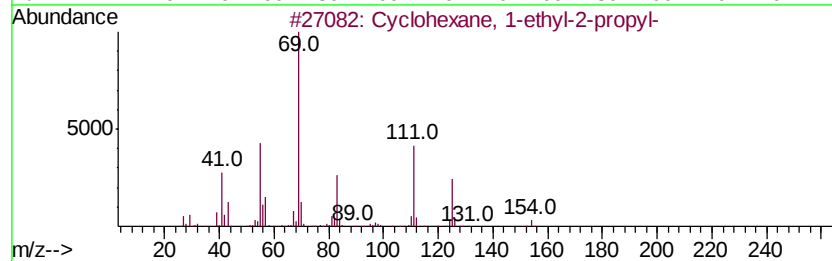
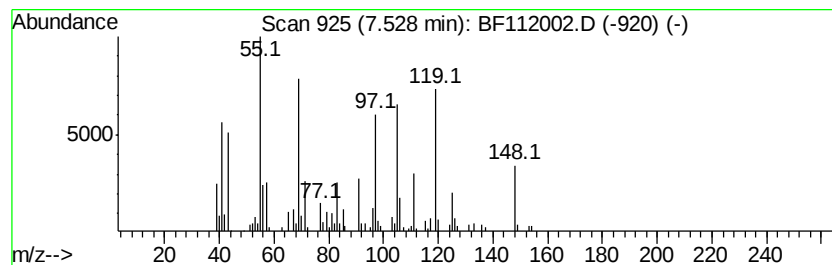
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.53 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	6.09 ng	178300	Napthalene-d8	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	46
2			2-Thiopheneacetic acid, 2-ethylc...	252	C14H20O2S	1000278-96-1	35
3			4-Hexen-3-one, 4,5-dimethyl-	126	C8H14O	017325-90-5	27
4			Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	18
5			1H-1,5-Benzodiazepine, 2,3,4,5-t...	148	C9H12N2	006516-89-8	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF112002.D
Acq On : 10 Jan 2019 21:59
Operator : JU/SJ
Sample : K1005-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-010918-B

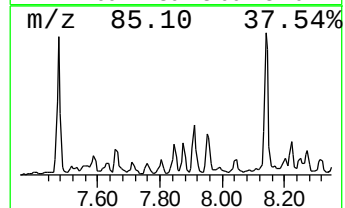
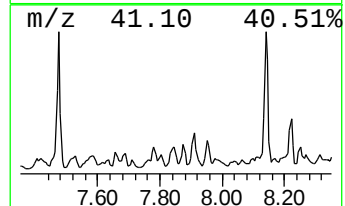
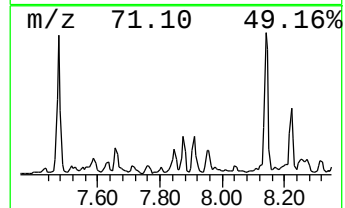
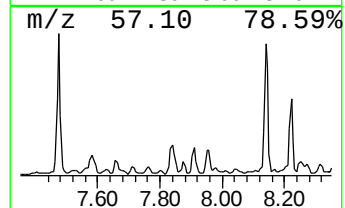
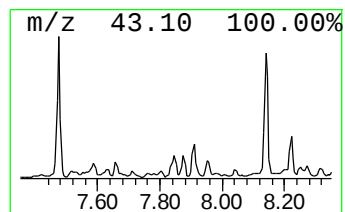
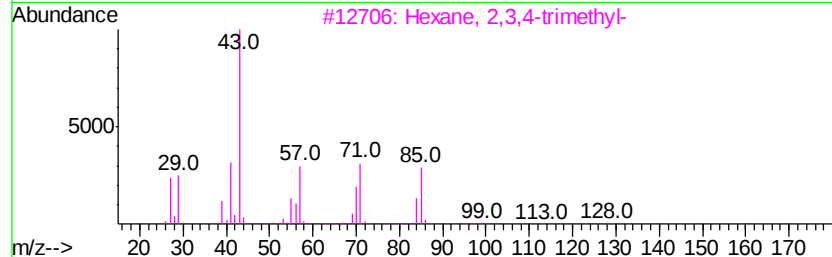
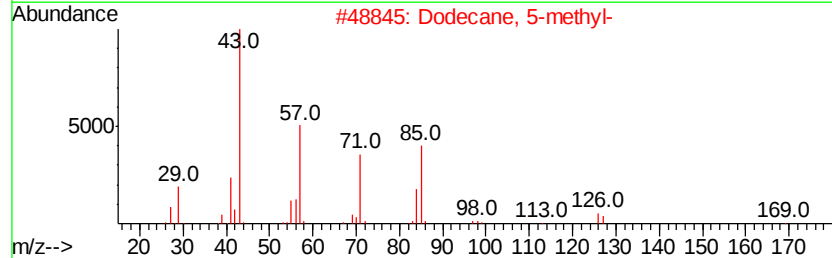
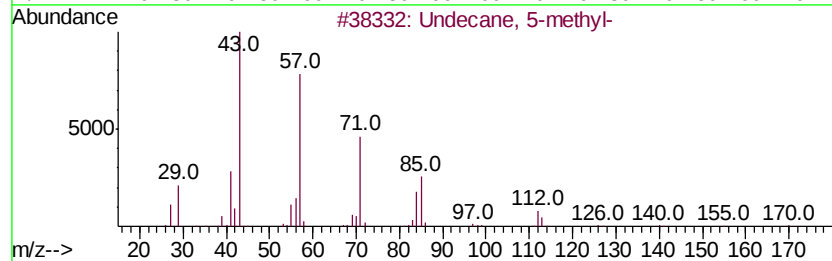
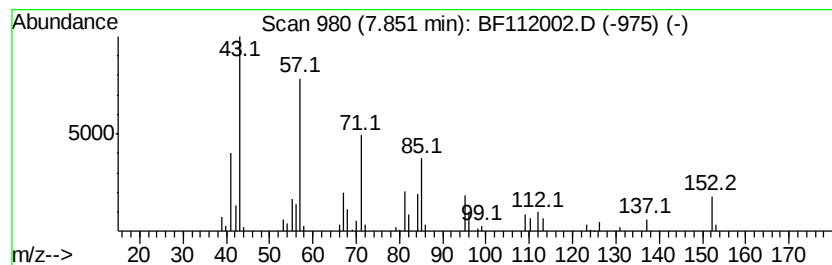
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Undecane, 5-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	5.46 ng	159897	Napthalene-d8	8.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	64	
2	Dodecane, 5-methyl-	184	C13H28	017453-93-9	52	
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	50	
4	Hexadecane	226	C16H34	000544-76-3	50	
5	Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	47	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF112002.D
Acq On : 10 Jan 2019 21:59
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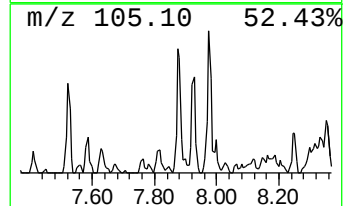
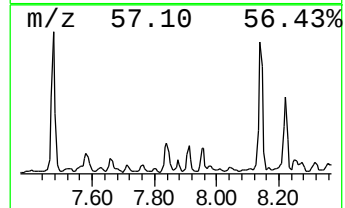
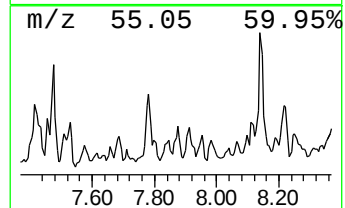
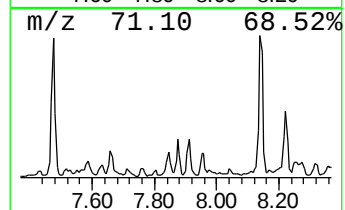
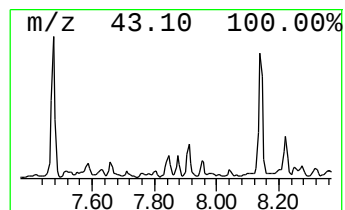
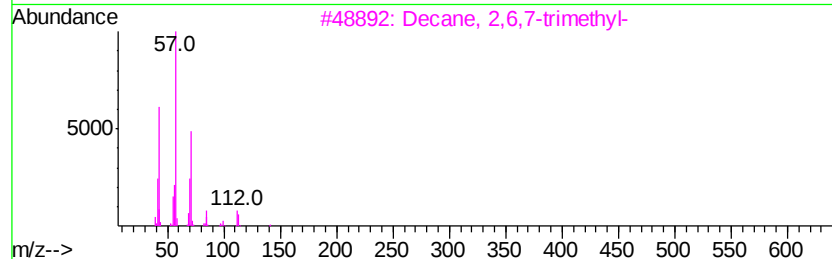
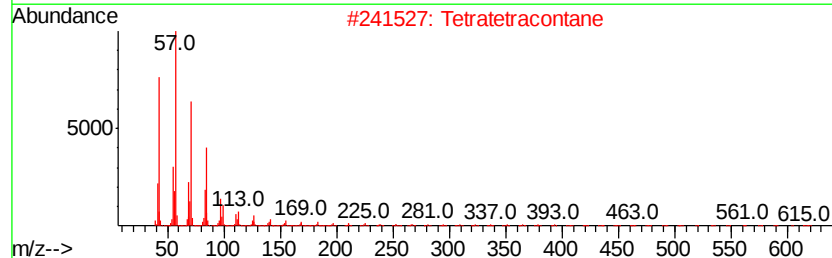
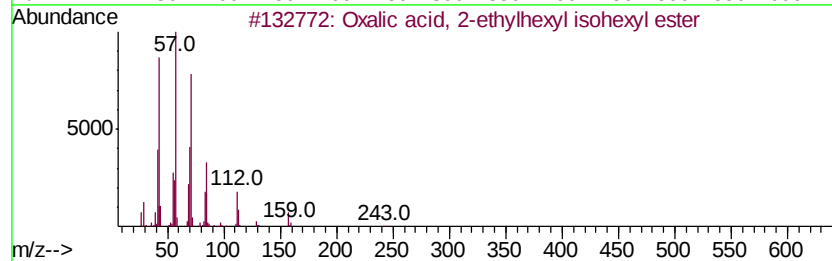
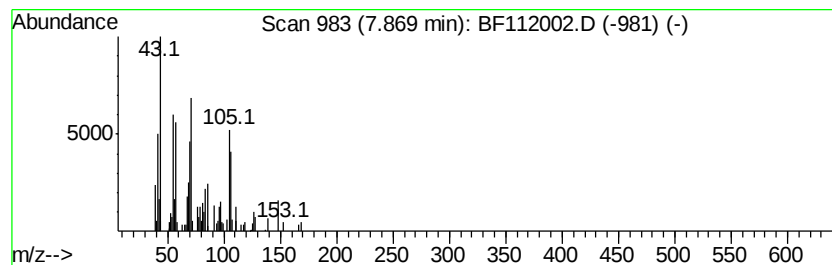
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Oxalic acid, 2-ethylhexyl i... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	5.77 ng	168804	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, 2-ethylhexyl isohex...	286	C16H30O4	1000309-38-8	50
2		Tetratetracontane	619	C44H90	007098-22-8	43
3		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	38
4		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	38
5		Butane, 1-bromo-3-methyl-	150	C5H11Br	000107-82-4	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF112002.D
Acq On : 10 Jan 2019 21:59
Operator : JU/SJ
Sample : K1005-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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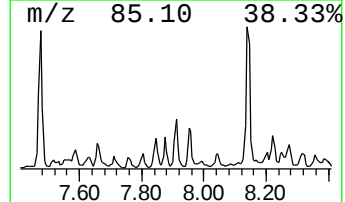
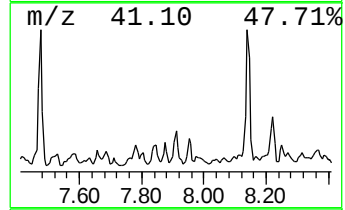
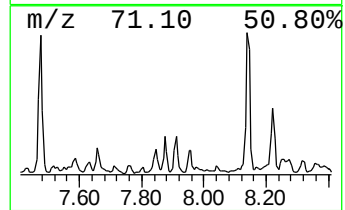
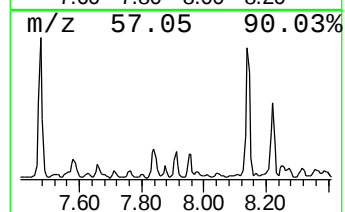
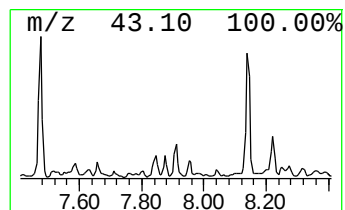
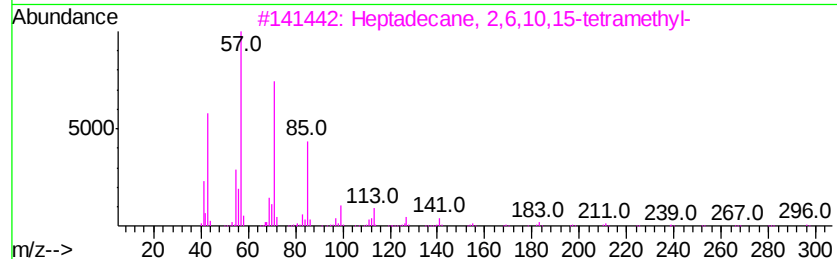
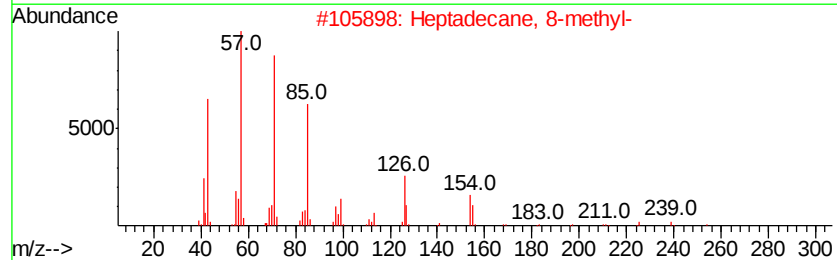
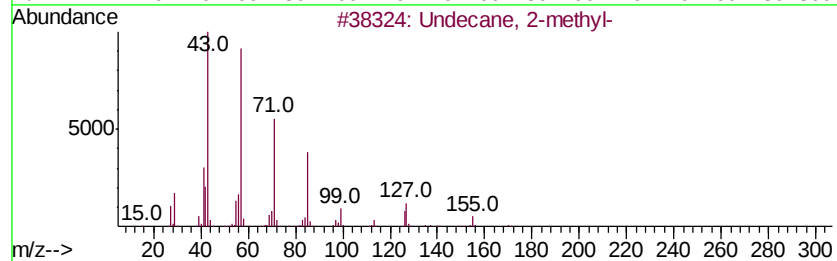
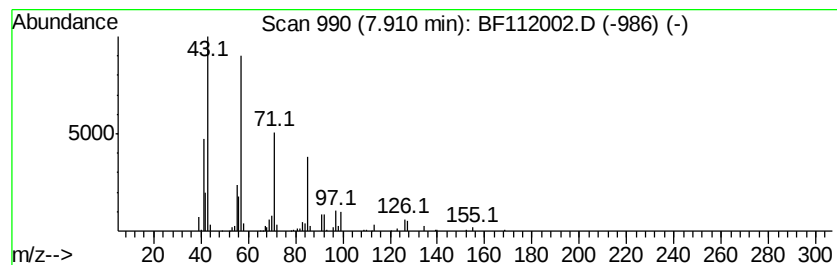
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	10.73 ng	314272	Naphthalene-d8	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2-methyl-	170	C12H26	007045-71-8	78
2			Heptadecane, 8-methyl-	254	C18H38	013287-23-5	64
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	59
4			Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
5			Nonane, 5-butyl-	184	C13H28	017312-63-9	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF112002.D
Acq On : 10 Jan 2019 21:59
Operator : JU/SJ
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Misc :
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ClientSampleId :
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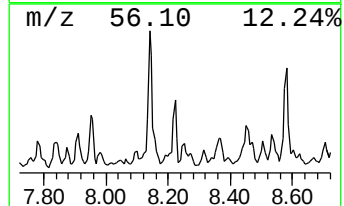
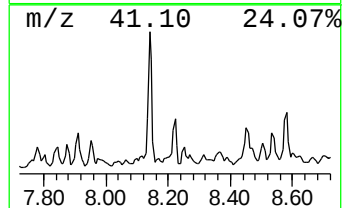
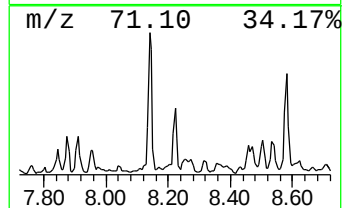
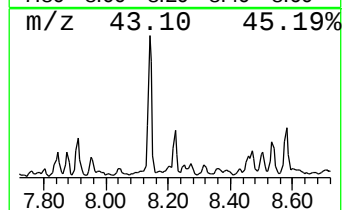
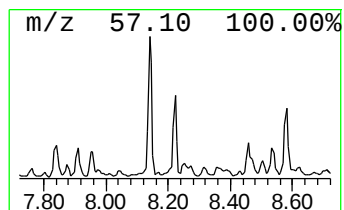
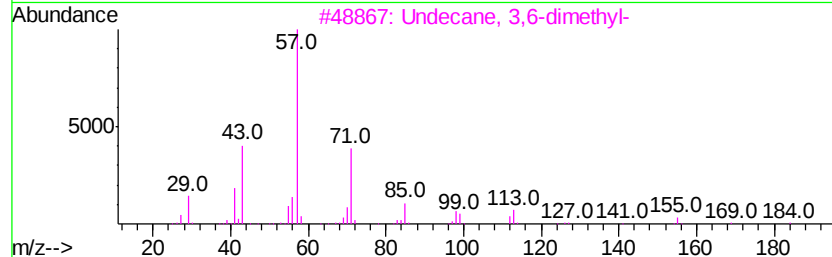
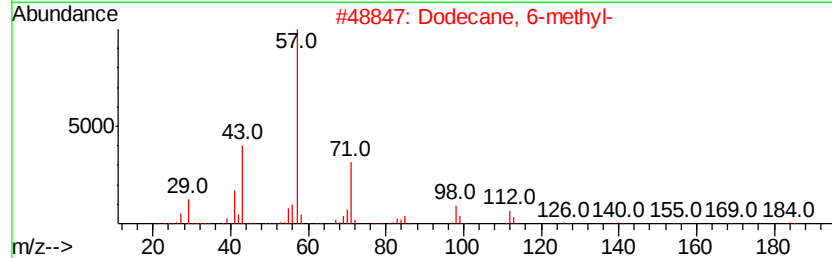
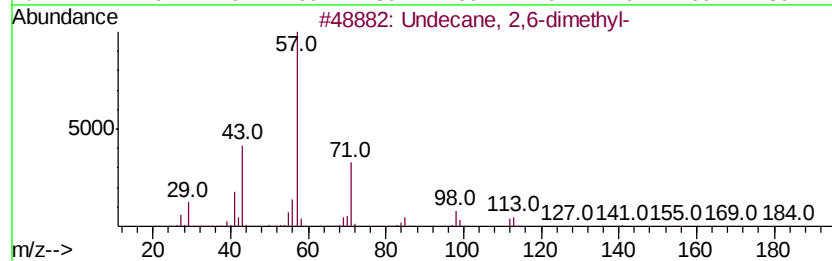
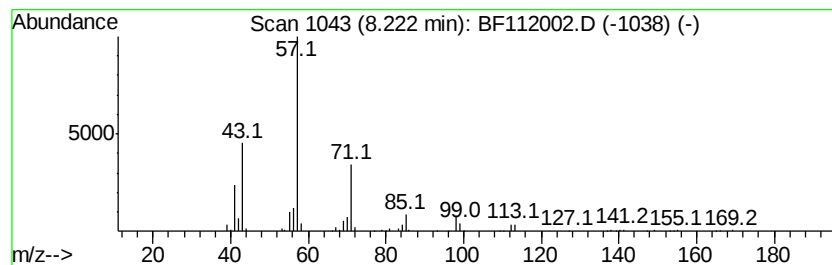
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	12.43 ng	363774	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	78
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78
4		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	78
5		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
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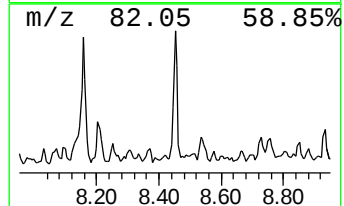
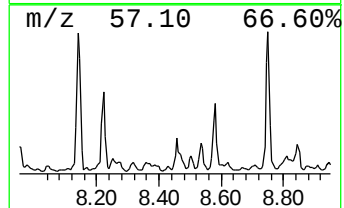
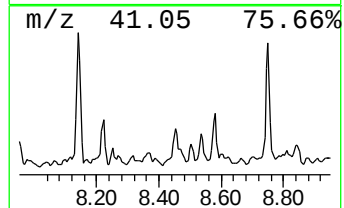
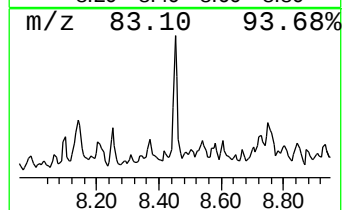
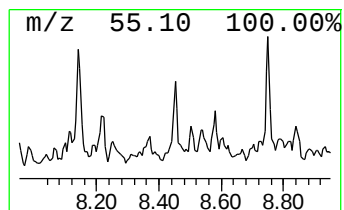
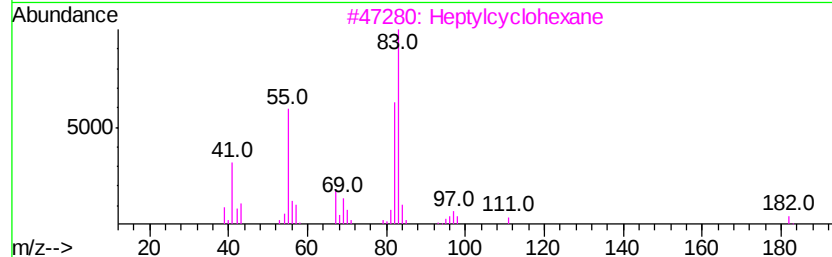
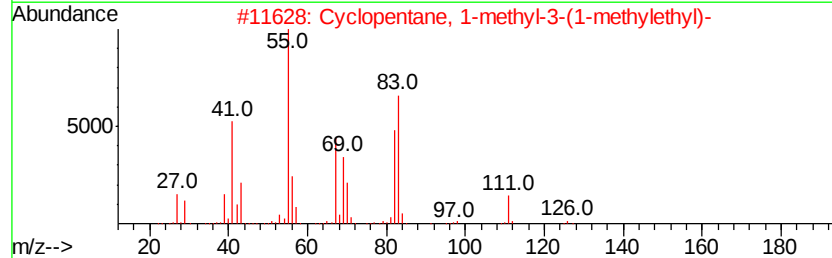
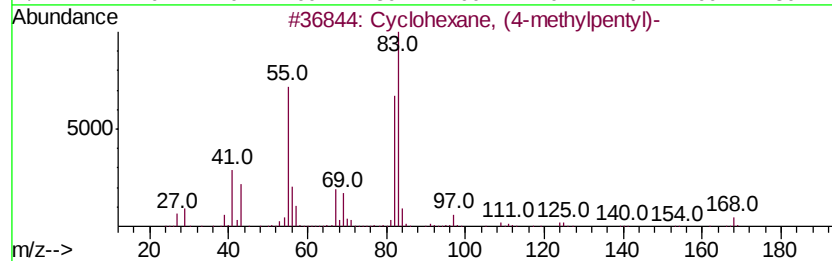
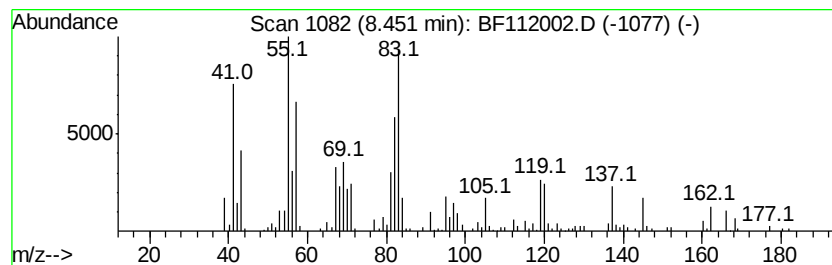
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown8.45 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	12.51 ng	366171	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	43
2		Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	43
3		Heptylcyclohexane	182	C13H26	005617-41-4	43
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	38
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF112002.D
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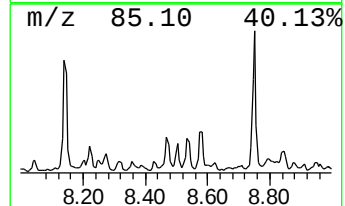
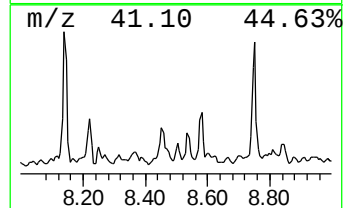
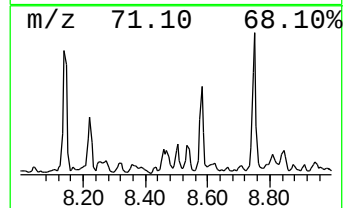
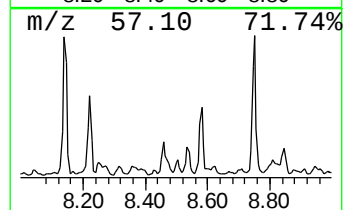
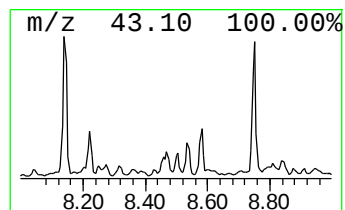
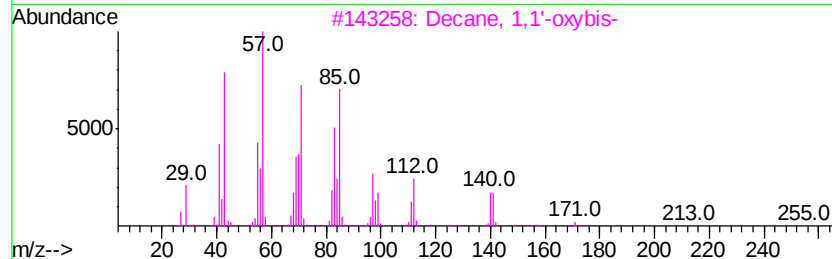
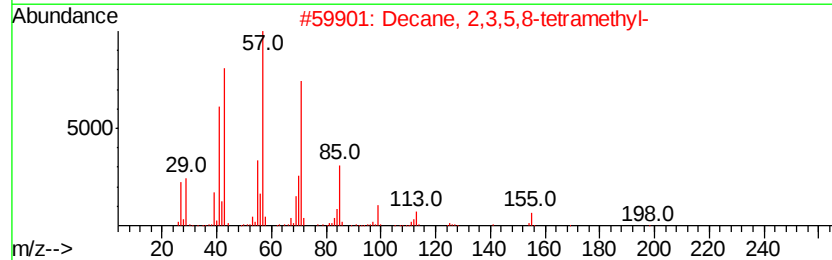
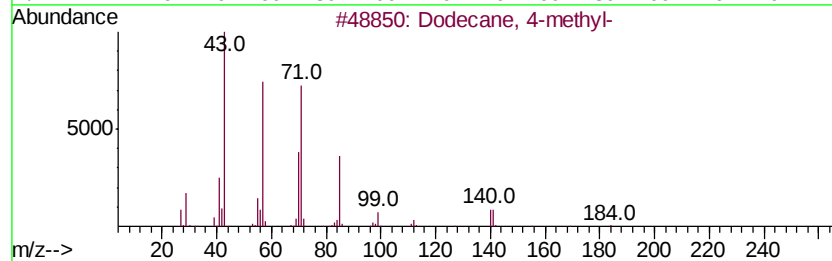
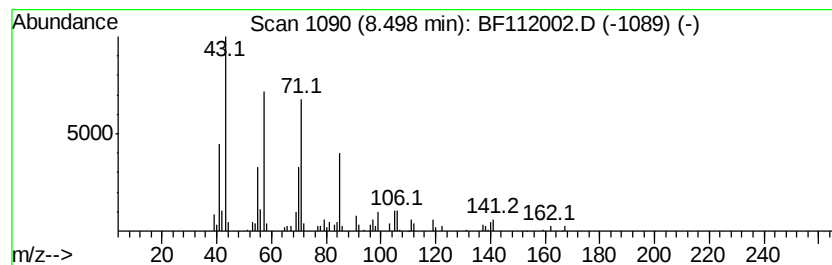
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown8.50 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	5.62 ng	164612	Naphthalene-d8	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4-methyl-	184	C13H28	006117-97-1	46
2			Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	38
3			Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	38
4			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	38
5			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF112002.D
Acq On : 10 Jan 2019 21:59
Operator : JU/SJ
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HR-06-010918-B

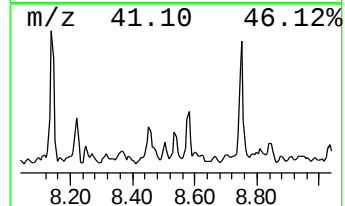
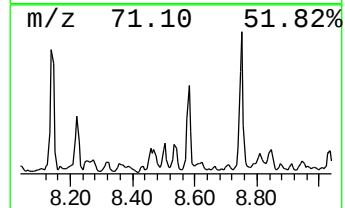
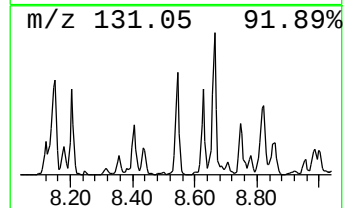
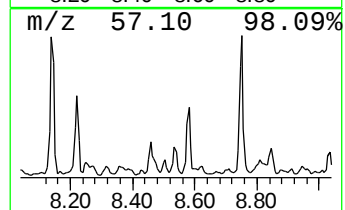
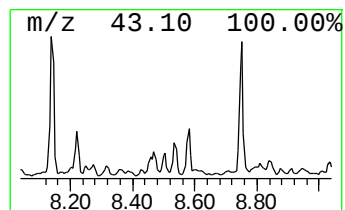
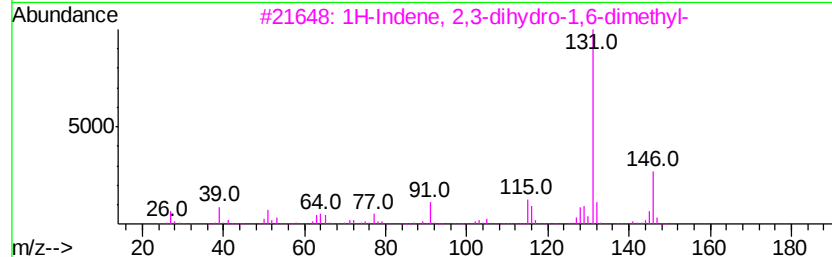
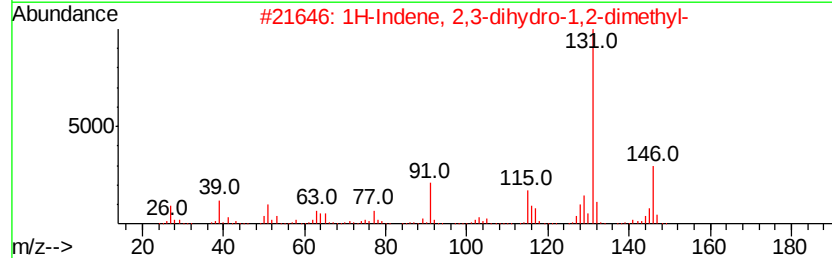
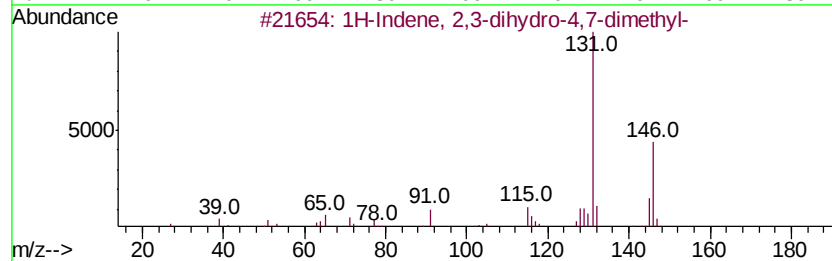
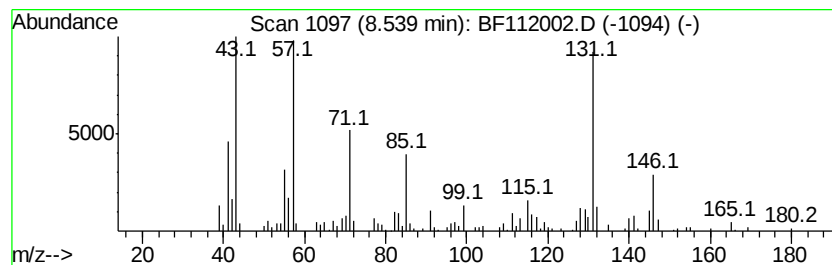
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	8.02 ng	234718	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
2		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	89
3		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70
4		1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	55
5		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF112002.D
Acq On : 10 Jan 2019 21:59
Operator : JU/SJ
Sample : K1005-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-010918-B

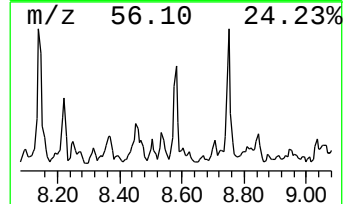
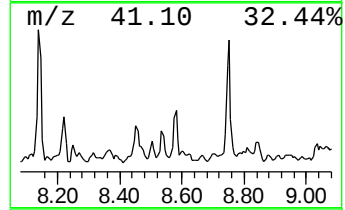
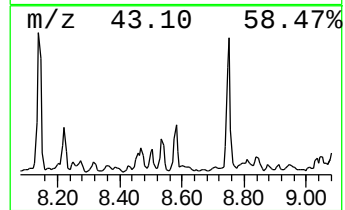
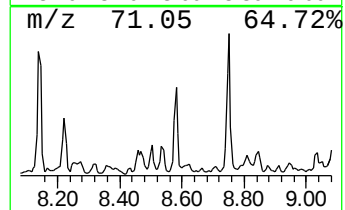
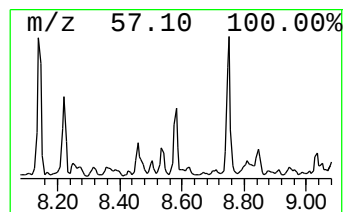
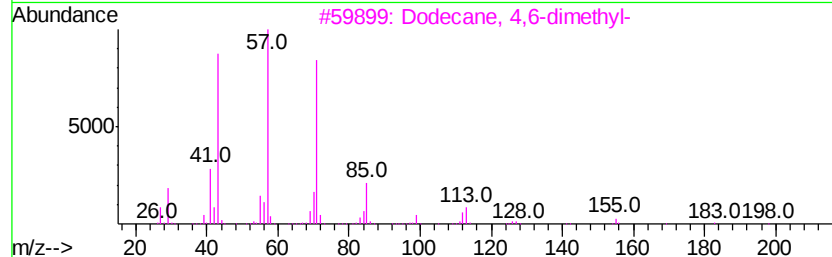
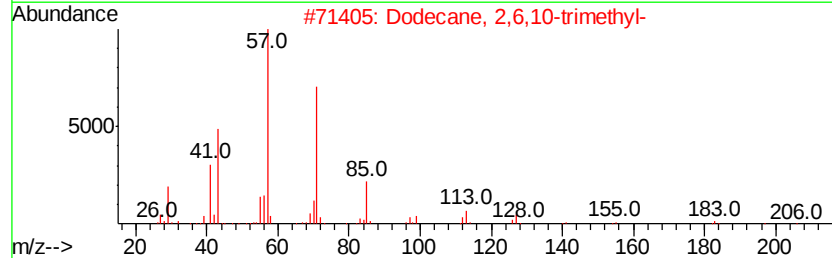
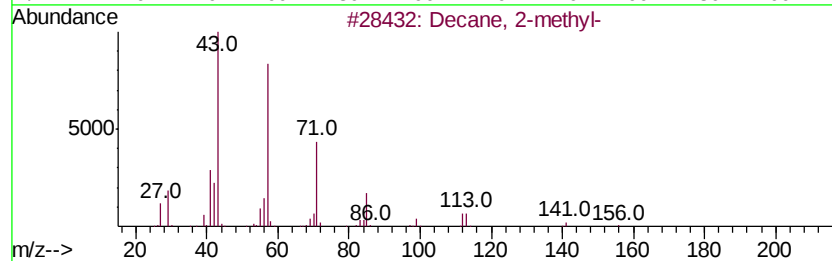
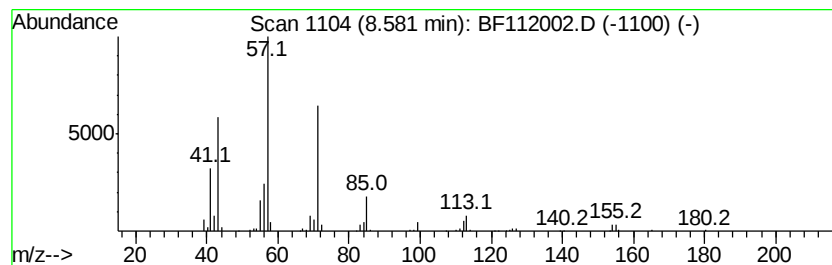
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Decane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	8.82 ng	258258	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	80
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
3		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF112002.D
Acq On : 10 Jan 2019 21:59
Operator : JU/SJ
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Misc :
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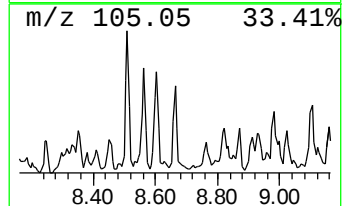
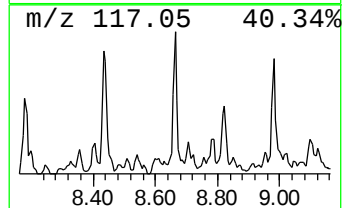
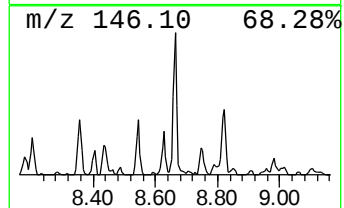
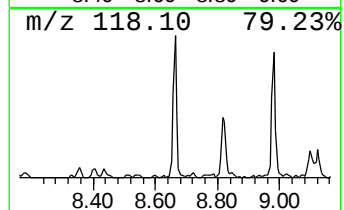
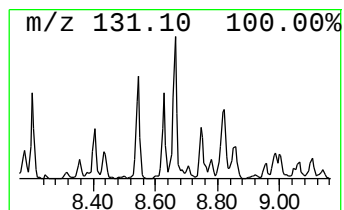
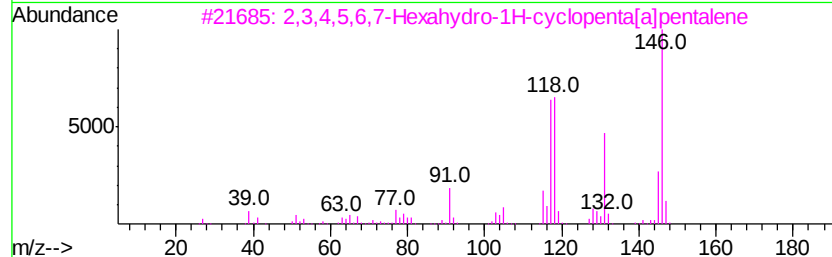
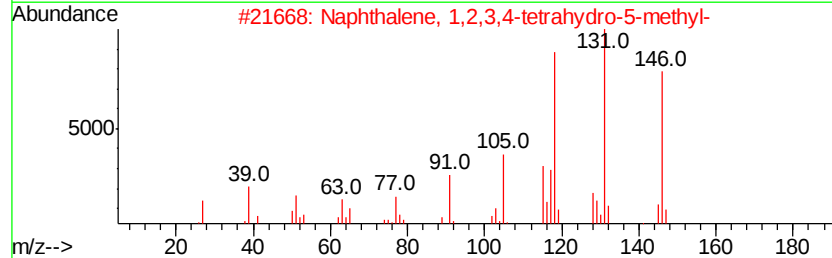
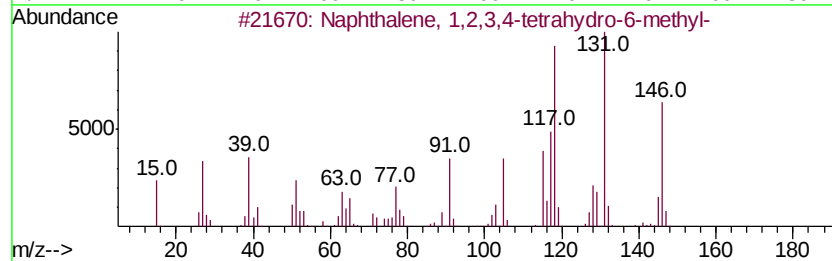
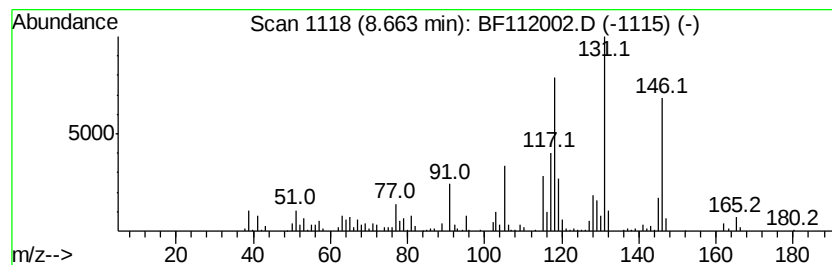
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,2,3,4-tetra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	7.57 ng	221589	Naphthalene-d8	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
3			2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	74
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
5			1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
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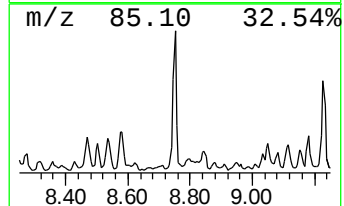
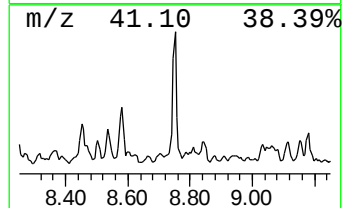
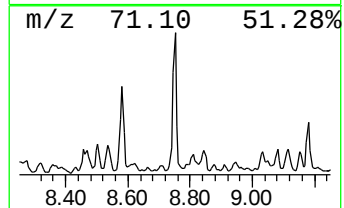
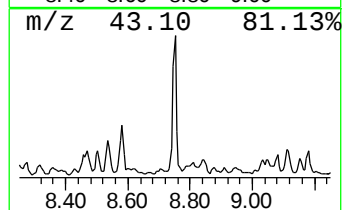
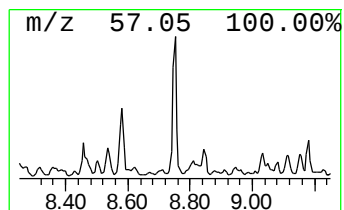
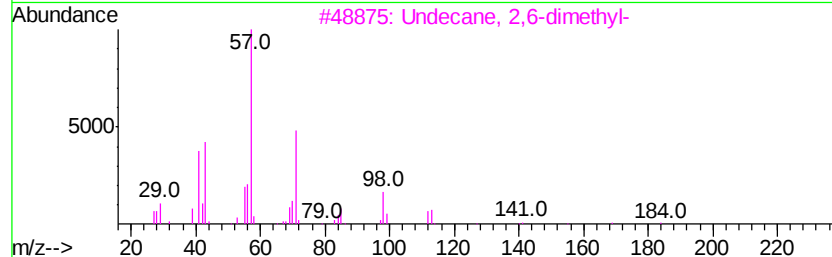
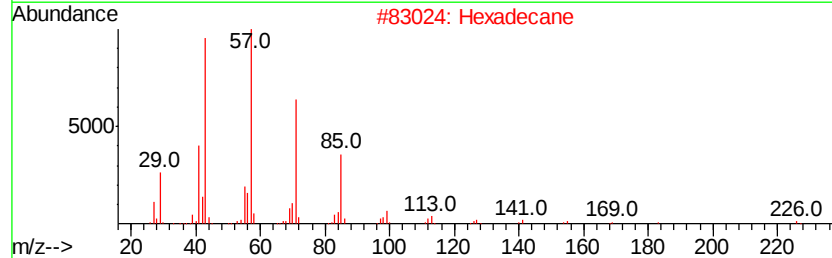
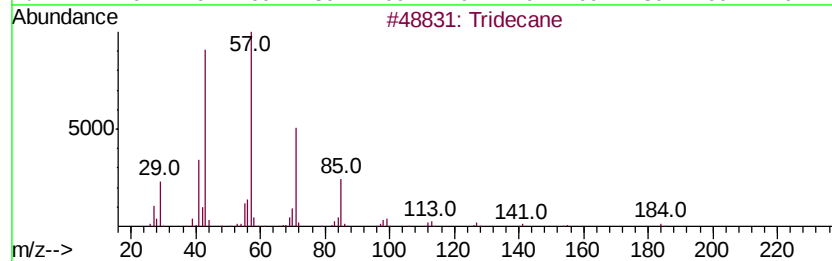
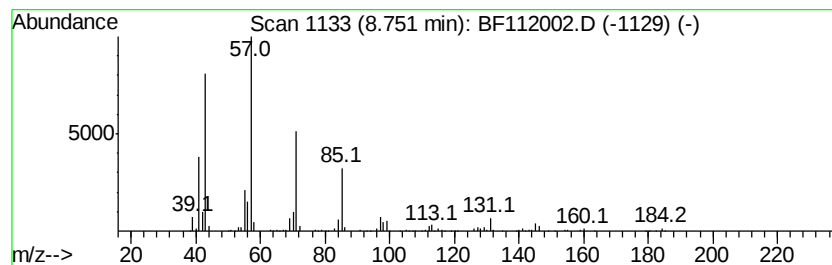
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	22.72 ng	665021	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	95
2		Hexadecane	226	C16H34	000544-76-3	83
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70
4		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64
5		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
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Sample : K1005-03 2X
Misc :
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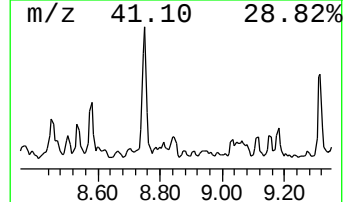
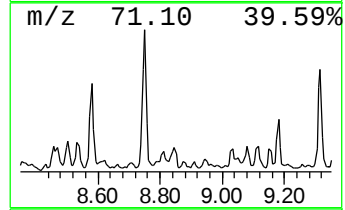
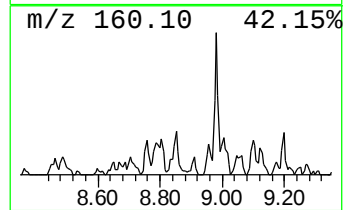
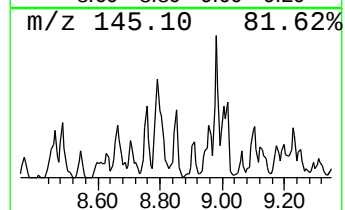
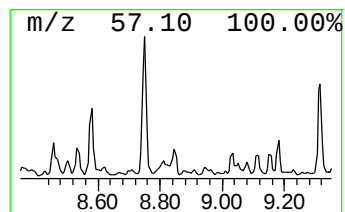
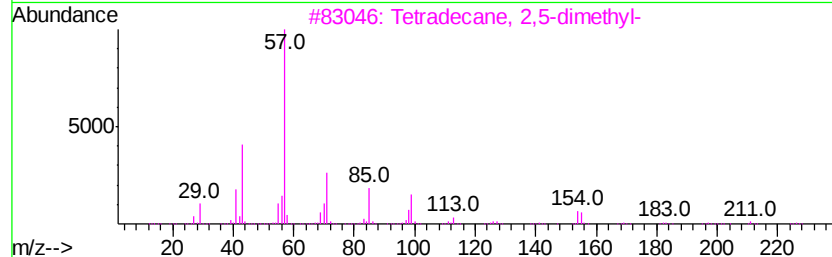
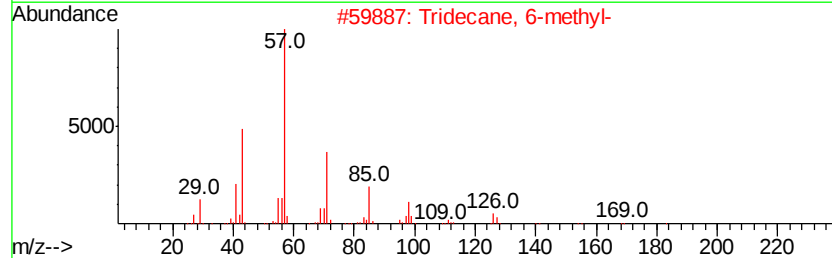
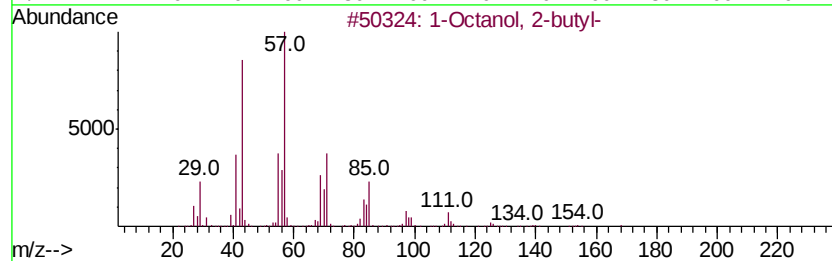
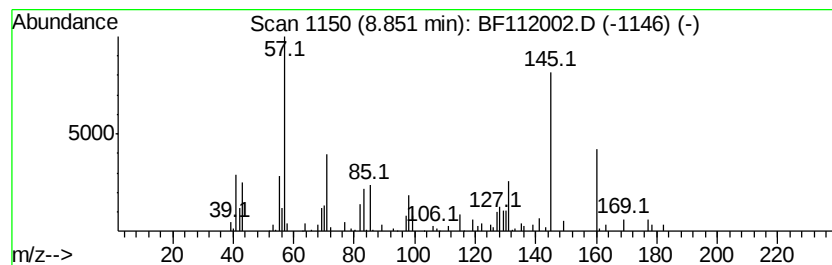
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1-Octanol, 2-butyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.85	6.05 ng	177102	Napthalene-d8	8.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	50
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	47
3	Tetradecane, 2,5-dimethyl-	226	C16H34	056292-69-4	47
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	43
5	Dodecane	170	C12H26	000112-40-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF112002.D
Acq On : 10 Jan 2019 21:59
Operator : JU/SJ
Sample : K1005-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-010918-B

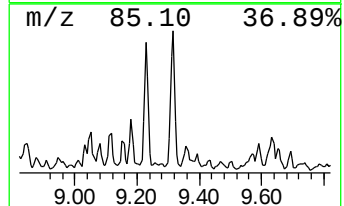
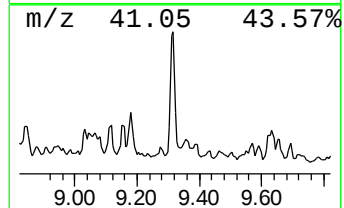
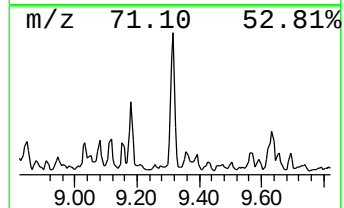
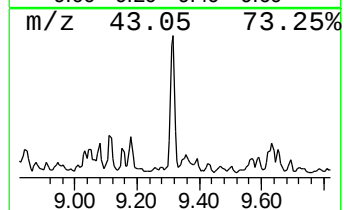
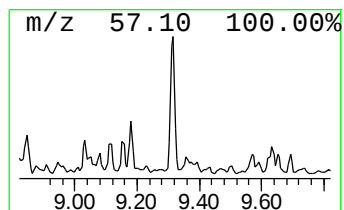
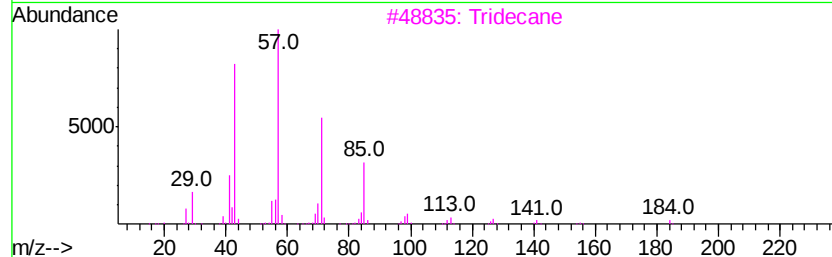
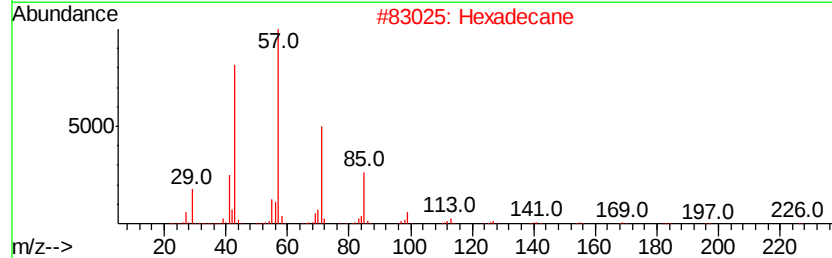
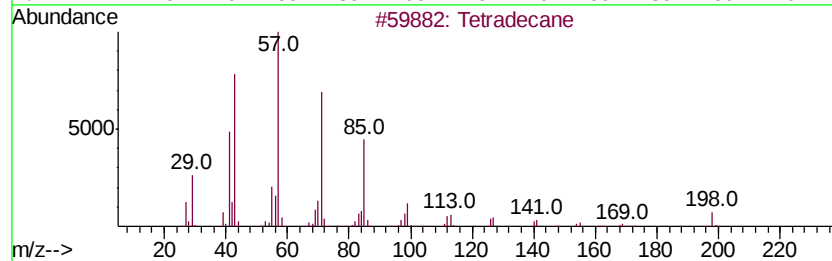
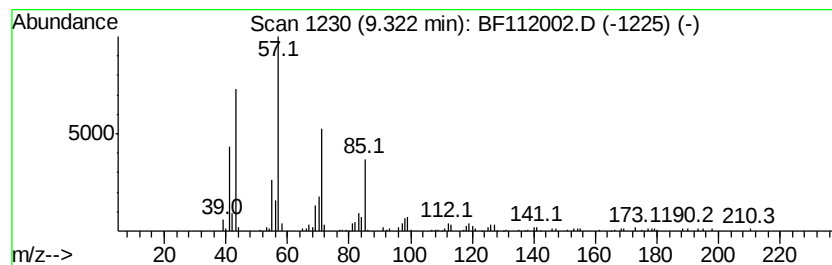
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	11.40 ng	494681	Acenaphthene-d10	9.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	97
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane	184	C13H28	000629-50-5	90
4		Pentadecane	212	C15H32	000629-62-9	90
5		Undecane	156	C11H24	001120-21-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
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Acq On : 10 Jan 2019 21:59
Operator : JU/SJ
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ClientSampleId :
HR-06-010918-B

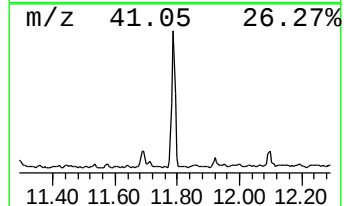
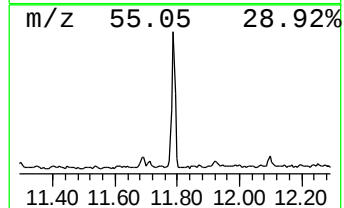
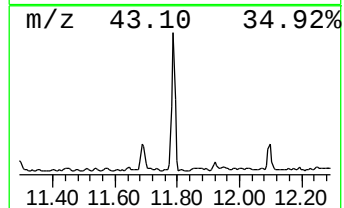
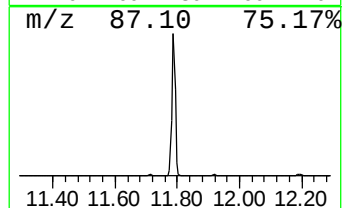
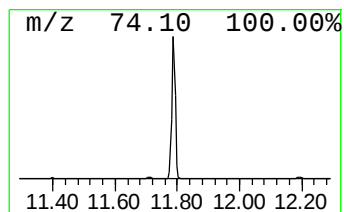
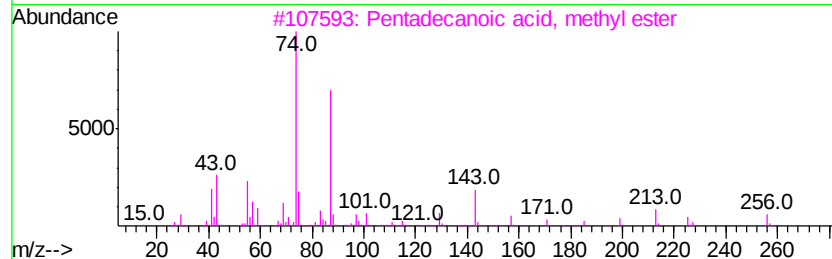
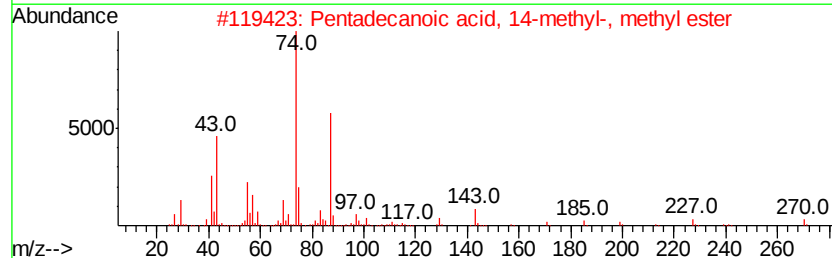
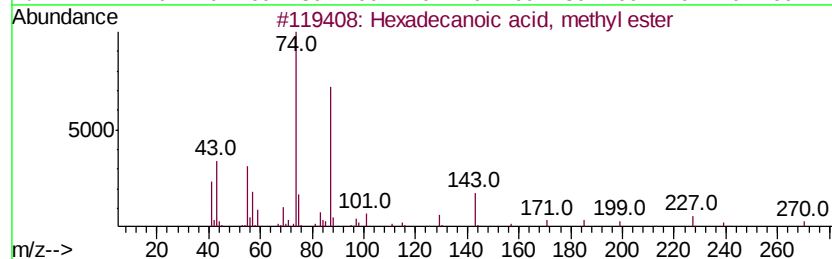
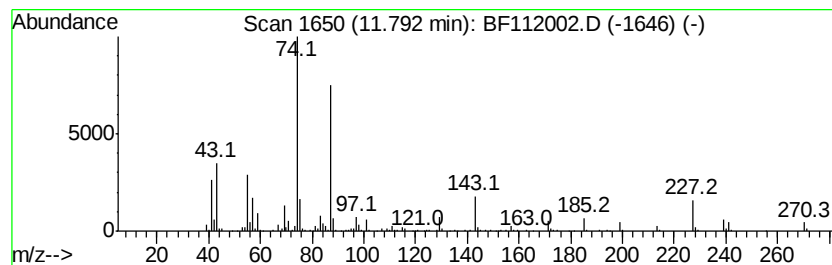
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	13.39 ng	637729	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	83
5		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF112002.D
Acq On : 10 Jan 2019 21:59
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Sample : K1005-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-010918-B

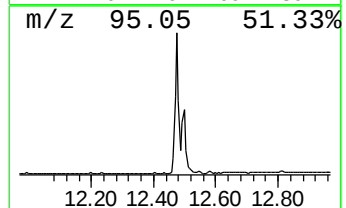
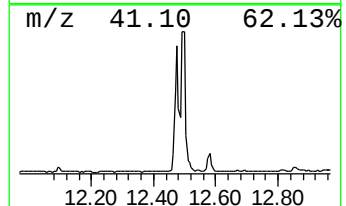
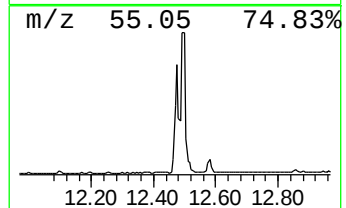
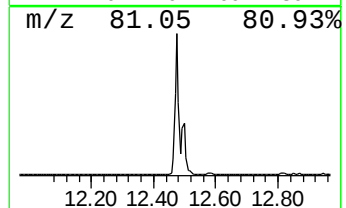
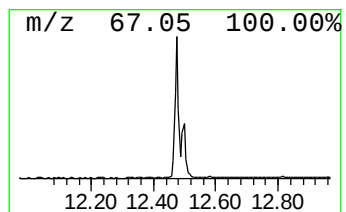
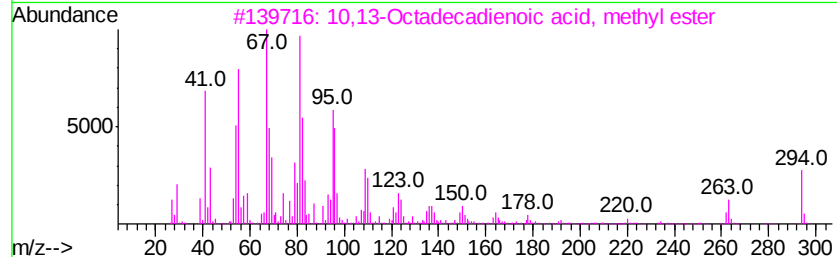
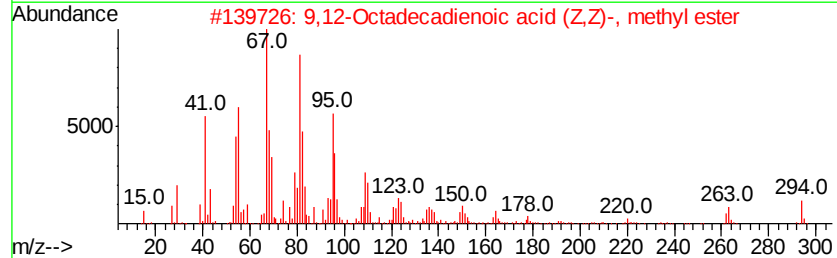
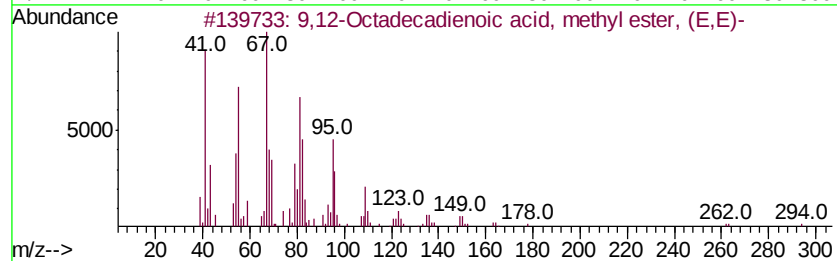
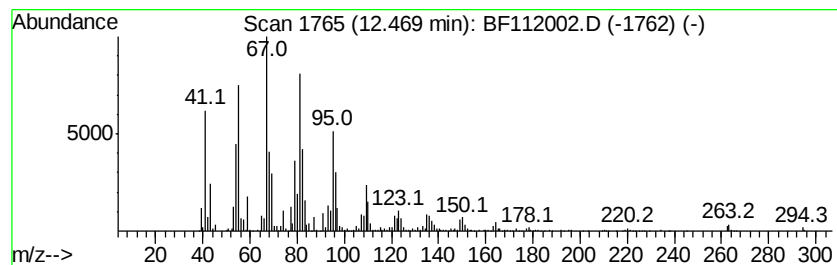
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	52.95 ng	2522260	Phenanthrene-d10	11.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2			9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3			10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4			Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
5			9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF112002.D
Acq On : 10 Jan 2019 21:59
Operator : JU/SJ
Sample : K1005-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

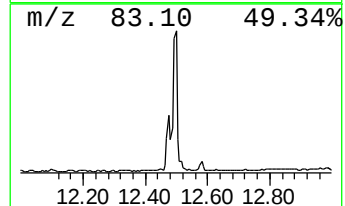
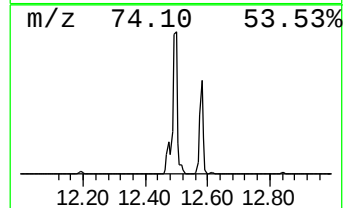
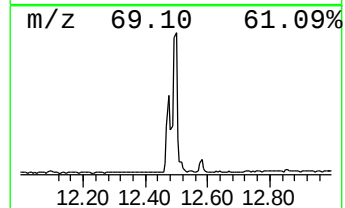
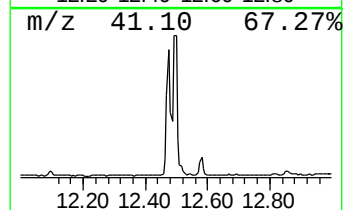
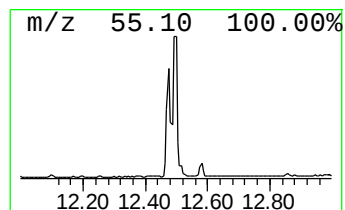
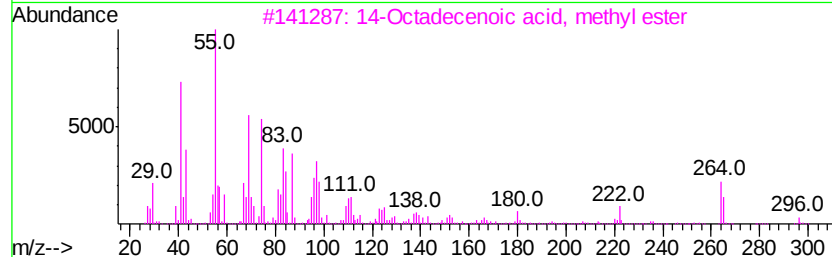
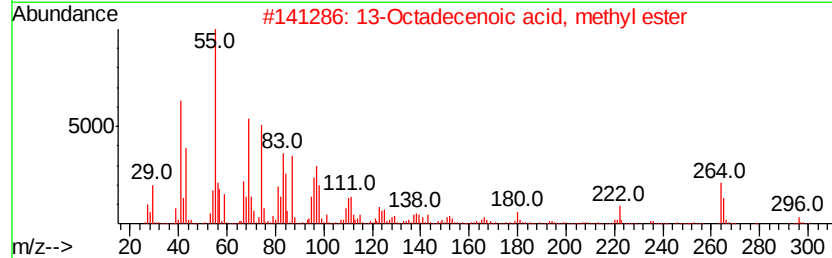
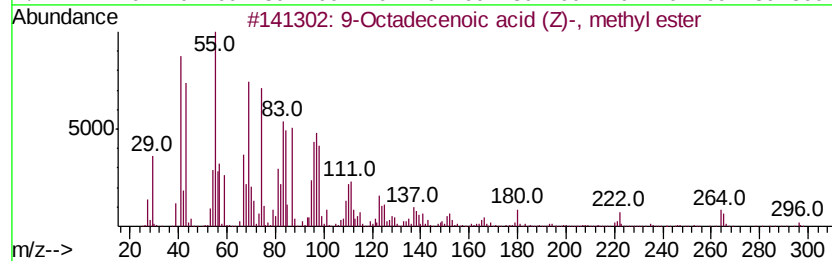
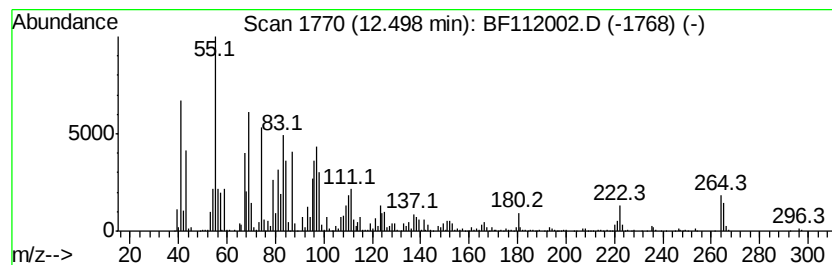
Instrument :
BNA_F
ClientSampleId :
HR-06-010918-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.50	51.54 ng	2455500	Phenanthrene-d10	11.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	98
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	98
5	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF112002.D
Acq On : 10 Jan 2019 21:59
Operator : JU/SJ
Sample : K1005-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

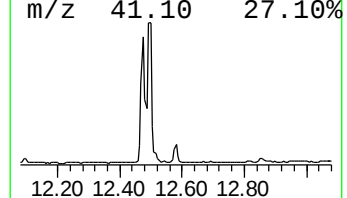
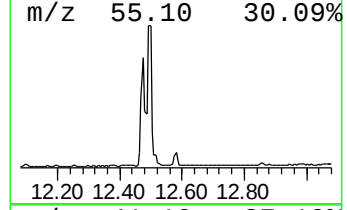
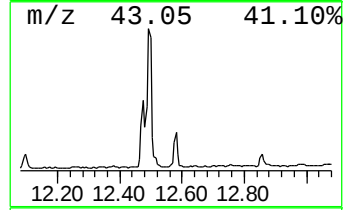
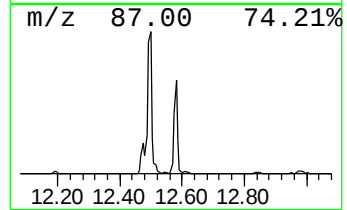
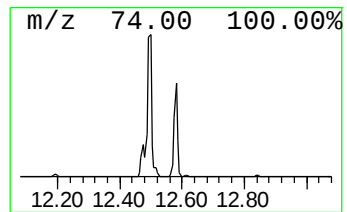
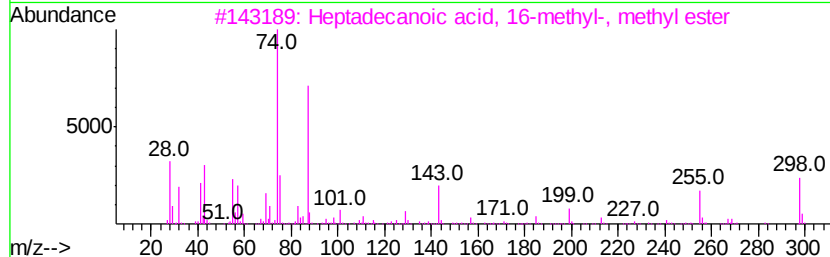
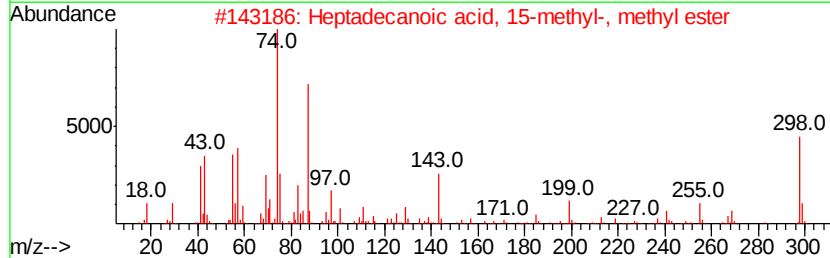
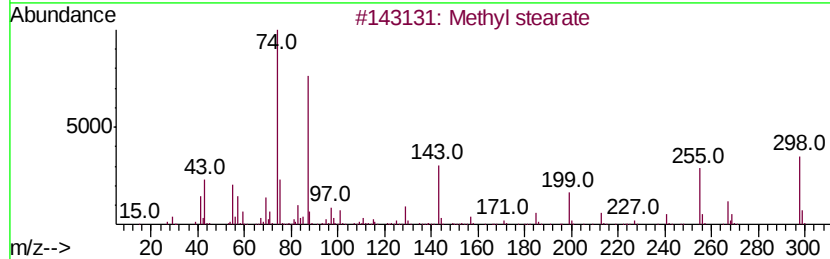
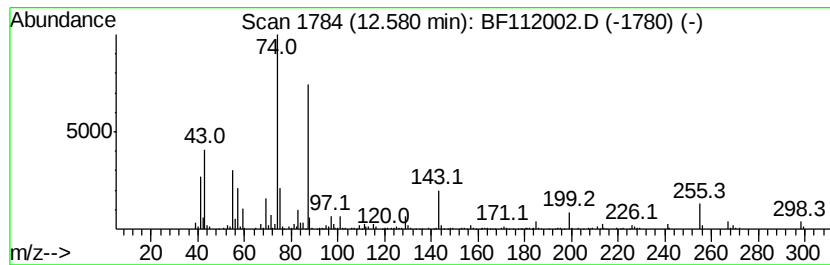
Instrument :
BNA_F
ClientSampleId :
HR-06-010918-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Methyl stearate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	6.72 ng	320074	Phenanthrene-d10	11.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Methyl stearate	298 C19H38O2	000112-61-8 98
2		Heptadecanoic acid, 15-methyl-, ...	298 C19H38O2	054833-55-5 94
3		Heptadecanoic acid, 16-methyl-, ...	298 C19H38O2	005129-61-3 90
4		Pentadecanoic acid, methyl ester	256 C16H32O2	007132-64-1 90
5		Hexadecanoic acid, 15-methyl-, m...	284 C18H36O2	006929-04-0 83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011019\
 Data File : BF112002.D
 Acq On : 10 Jan 2019 21:59
 Operator : JU/SJ
 Sample : K1005-03 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-010918-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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
unknown6.65	6.65	31.9	ng	1310380	1	6.87	821606	20.0
Decane	6.72	5.6	ng	231743	1	6.87	821606	20.0
unknown7.53	7.53	6.1	ng	178300	2	8.16	585533	20.0
Undecane, 5-methyl-	7.85	5.5	ng	159897	2	8.16	585533	20.0
Oxalic acid, 2-et...	7.87	5.8	ng	168804	2	8.16	585533	20.0
Undecane, 2-methyl-	7.91	10.7	ng	314272	2	8.16	585533	20.0
Undecane, 2,6-dim...	8.22	12.4	ng	363774	2	8.16	585533	20.0
unknown8.45	8.45	12.5	ng	366171	2	8.16	585533	20.0
unknown8.50	8.50	5.6	ng	164612	2	8.16	585533	20.0
1H-Indene, 2,3-di...	8.54	8.0	ng	234718	2	8.16	585533	20.0
Decane, 2-methyl-	8.58	8.8	ng	258258	2	8.16	585533	20.0
Naphthalene, 1,2,...	8.66	7.6	ng	221589	2	8.16	585533	20.0
Tridecane	8.75	22.7	ng	665021	2	8.16	585533	20.0
1-Octanol, 2-butyl-	8.85	6.0	ng	177102	2	8.16	585533	20.0
Tetradecane	9.32	11.4	ng	494681	3	9.91	867883	20.0
Hexadecanoic acid...	11.79	13.4	ng	637729	4	11.40	952772	20.0
9,12-Octadecadien...	12.47	53.0	ng	2522260	4	11.40	952772	20.0
9-Octadecenoic ac...	12.50	51.5	ng	2455500	4	11.40	952772	20.0
Methyl stearate	12.58	6.7	ng	320074	4	11.40	952772	20.0