

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095208.D
 Acq On : 18 May 2017 3:38
 Operator : SJ/MA
 Sample : I3182-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-204-228-ETGI-275

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:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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	5.778	649	653	678	rBV2	50445	196316	10.87%	0.732%
2	7.037	859	867	873	rBV5	37406	79548	4.41%	0.296%
3	7.178	886	891	895	rBV3	52400	71115	3.94%	0.265%
4	7.348	916	920	922	rBV	57591	85879	4.76%	0.320%
5	7.448	934	937	948	rVB2	127246	283830	15.72%	1.058%
6	7.572	953	958	968	rVB	311942	394934	21.87%	1.472%
7	7.772	988	992	1001	rBV	364826	472282	26.16%	1.760%
8	7.848	1001	1005	1012	rVB3	146858	245921	13.62%	0.917%
9	7.919	1012	1017	1021	rBV4	41541	69479	3.85%	0.259%
10	8.007	1028	1032	1036	rBV2	264721	354337	19.63%	1.321%
11	8.189	1059	1063	1067	rVV3	52656	78071	4.32%	0.291%
12	8.231	1067	1070	1074	rVV3	53293	77359	4.28%	0.288%
13	8.272	1074	1077	1080	rVV	81118	85732	4.75%	0.320%
14	8.313	1080	1084	1089	rVV3	112686	178181	9.87%	0.664%
15	8.366	1089	1093	1098	rVV	204635	254153	14.08%	0.947%
16	8.442	1102	1106	1111	rVB	126999	152189	8.43%	0.567%
17	8.636	1134	1139	1143	rBV2	115570	184944	10.24%	0.689%
18	8.784	1159	1164	1168	rBV	1033114	1148436	63.61%	4.280%
19	8.819	1168	1170	1175	rVB3	87777	120211	6.66%	0.448%
20	8.960	1189	1194	1200	rVB5	89501	173857	9.63%	0.648%
21	9.025	1200	1205	1208	rBV3	126544	237048	13.13%	0.883%
22	9.072	1211	1213	1218	rVB	116646	131603	7.29%	0.490%
23	9.213	1231	1237	1241	rBV2	175110	315211	17.46%	1.175%
24	9.248	1241	1243	1246	rVV3	91493	88106	4.88%	0.328%
25	9.307	1246	1253	1256	rVB5	46266	103164	5.71%	0.384%
26	9.383	1260	1266	1267	rBV2	158075	261086	14.46%	0.973%
27	9.401	1267	1269	1272	rVV	174222	196191	10.87%	0.731%
28	9.431	1272	1274	1277	rVV	132478	123502	6.84%	0.460%
29	9.483	1277	1283	1288	rVB2	218022	351509	19.47%	1.310%
30	9.554	1288	1295	1300	rBV4	215931	435713	24.13%	1.624%
31	9.642	1306	1310	1315	rVB3	51199	90178	4.99%	0.336%
32	9.783	1326	1334	1341	rBV	507985	1091155	60.44%	4.067%
33	9.866	1343	1348	1359	rVB	1498331	1805471	100.00%	6.729%
34	9.989	1365	1369	1373	rVB	428426	499506	27.67%	1.862%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.072	1380	1383	1388	rVB2	93008	116103	6.43%	0.433%
36	10.142	1388	1395	1400	rBV6	121496	311104	17.23%	1.159%
37	10.201	1400	1405	1407	rBV3	64659	97112	5.38%	0.362%
38	10.260	1412	1415	1420	rVB6	97620	128021	7.09%	0.477%
39	10.319	1420	1425	1429	rBV3	175083	273609	15.15%	1.020%
40	10.378	1432	1435	1437	rVV	66520	71395	3.95%	0.266%
41	10.401	1437	1439	1444	rVB4	104793	132684	7.35%	0.494%
42	10.448	1444	1447	1451	rVB3	133928	147341	8.16%	0.549%
43	10.501	1451	1456	1460	rBV3	175713	243007	13.46%	0.906%
44	10.578	1464	1469	1472	rVV	437885	547633	30.33%	2.041%
45	10.619	1472	1476	1483	rVB4	140242	219483	12.16%	0.818%
46	10.854	1509	1516	1524	rVB	1197572	1454386	80.55%	5.420%
47	10.954	1530	1533	1538	rVB4	64207	97370	5.39%	0.363%
48	11.007	1538	1542	1545	rVB	96029	111078	6.15%	0.414%
49	11.107	1553	1559	1562	rBV6	67061	122418	6.78%	0.456%
50	11.148	1562	1566	1572	rVV4	100205	177230	9.82%	0.661%
51	11.319	1591	1595	1598	rBV2	172255	234381	12.98%	0.874%
52	11.389	1604	1607	1612	rVB2	109000	127819	7.08%	0.476%
53	11.448	1613	1617	1622	rVV	140497	158867	8.80%	0.592%
54	11.513	1622	1628	1632	rVV4	112217	182679	10.12%	0.681%
55	11.554	1632	1635	1640	rVB2	439521	491382	27.22%	1.831%
56	11.777	1668	1673	1680	rVB	922235	1177578	65.22%	4.389%
57	11.972	1702	1706	1712	rBV5	45579	97274	5.39%	0.363%
58	12.054	1716	1720	1723	rVV4	42506	89540	4.96%	0.334%
59	12.089	1723	1726	1730	rVV3	80564	125791	6.97%	0.469%
60	12.142	1730	1735	1740	rVV4	93264	200234	11.09%	0.746%
61	12.195	1740	1744	1747	rVV4	61625	117427	6.50%	0.438%
62	12.254	1751	1754	1757	rVV3	115528	185068	10.25%	0.690%
63	12.301	1758	1762	1765	rVV	270246	371970	20.60%	1.386%
64	12.330	1765	1767	1774	rVV	97950	128505	7.12%	0.479%
65	12.389	1774	1777	1783	rVV3	70305	107116	5.93%	0.399%
66	12.472	1787	1791	1798	rVB2	73675	124102	6.87%	0.463%
67	12.619	1812	1816	1817	rBV	395346	402178	22.28%	1.499%
68	12.642	1817	1820	1824	rVB	582776	691362	38.29%	2.577%
69	13.066	1888	1892	1897	rVB3	54196	73186	4.05%	0.273%
70	13.166	1905	1909	1915	rVB	92495	134645	7.46%	0.502%
71	13.454	1954	1958	1963	rVB	336134	379534	21.02%	1.414%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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72	13.519	1963	1969	1978	rVB8	27170	75579	4.19%	0.282%
73	13.819	2013	2020	2024	rBV	94283	146442	8.11%	0.546%
74	13.942	2036	2041	2047	rBV5	54464	138213	7.66%	0.515%
75	14.230	2085	2090	2092	rBV	200460	252780	14.00%	0.942%
76	14.254	2092	2094	2100	rVB	137077	158119	8.76%	0.589%
77	14.960	2209	2214	2218	rBV	132202	152478	8.45%	0.568%
78	15.024	2218	2225	2229	rVV	359411	533622	29.56%	1.989%
79	15.060	2229	2231	2241	rVV	129532	190812	10.57%	0.711%
80	15.154	2243	2247	2256	rVB	42396	68782	3.81%	0.256%
81	15.618	2322	2326	2331	rVB	83373	94595	5.24%	0.353%
82	15.960	2380	2384	2388	rVV2	64546	101300	5.61%	0.378%
83	16.801	2523	2527	2541	rVB	500879	645229	35.74%	2.405%
84	17.107	2574	2579	2585	rBV	576952	689445	38.19%	2.569%
85	17.342	2615	2619	2626	rVB	237628	287715	15.94%	1.072%
86	17.430	2626	2634	2641	rBV3	39619	78817	4.37%	0.294%
87	17.542	2646	2653	2655	rVV5	37021	67491	3.74%	0.252%
88	17.571	2655	2658	2664	rVB	74614	97285	5.39%	0.363%
89	17.701	2677	2680	2683	rBV2	62971	89293	4.95%	0.333%
90	18.695	2842	2849	2852	rBV2	538389	879687	48.72%	3.278%
91	18.724	2852	2854	2865	rVB	233399	354990	19.66%	1.323%
92	18.824	2866	2871	2874	rBV2	62396	79621	4.41%	0.297%
93	18.983	2894	2898	2902	rVB3	46024	68982	3.82%	0.257%
94	19.201	2930	2935	2939	rBV	62784	79772	4.42%	0.297%
95	19.965	3061	3065	3068	rBV	209934	310135	17.18%	1.156%
96	20.259	3111	3115	3120	rVB	122955	137119	7.59%	0.511%
97	20.318	3121	3125	3130	rBV	180722	195140	10.81%	0.727%
98	20.371	3130	3134	3138	rBV	309046	354652	19.64%	1.322%
99	20.959	3232	3234	3243	rVB6	53975	101164	5.60%	0.377%
100	21.712	3358	3362	3366	rVB	74078	115938	6.42%	0.432%

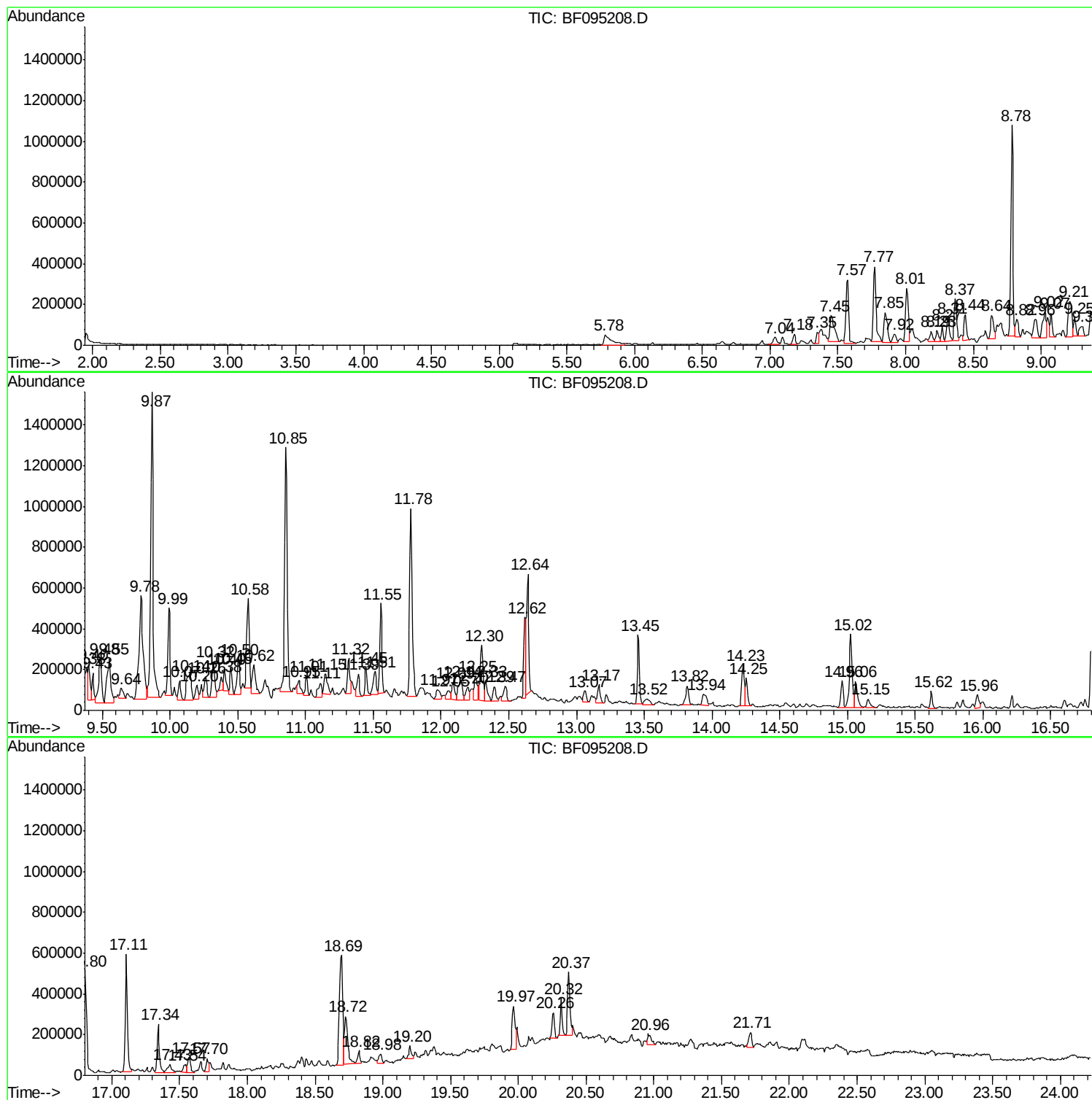
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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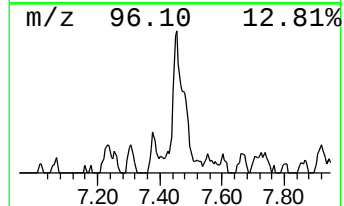
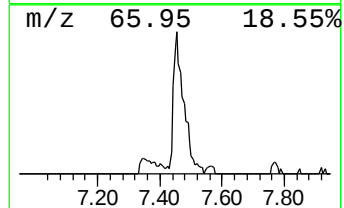
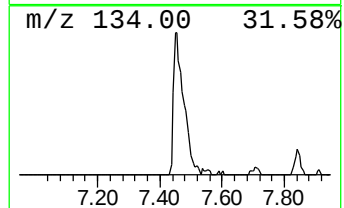
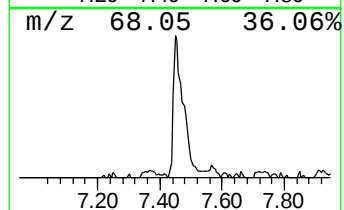
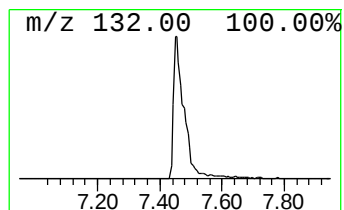
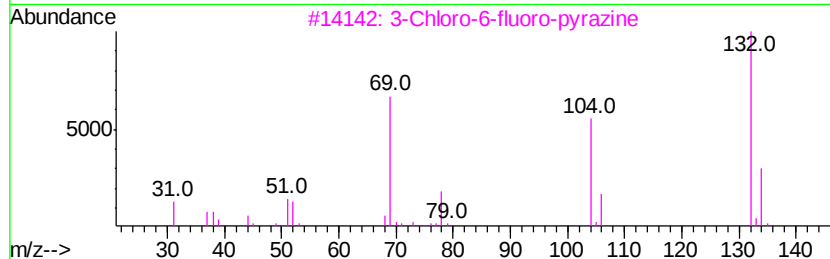
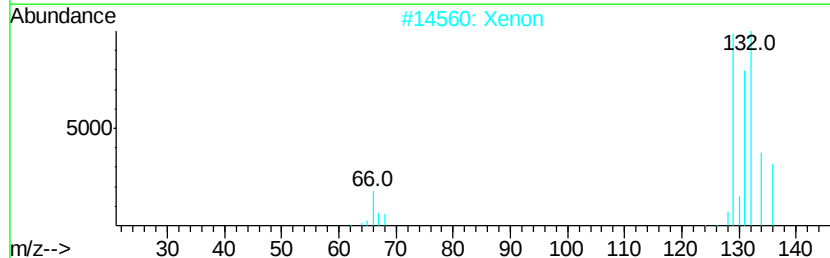
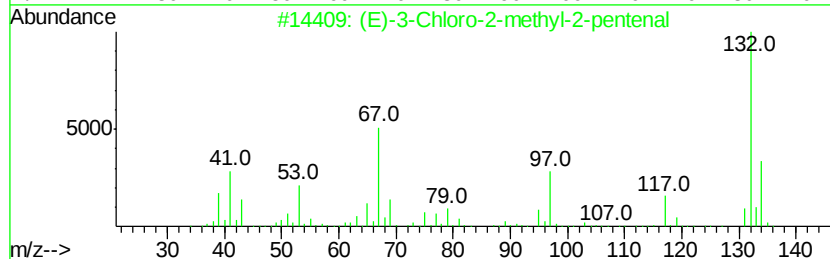
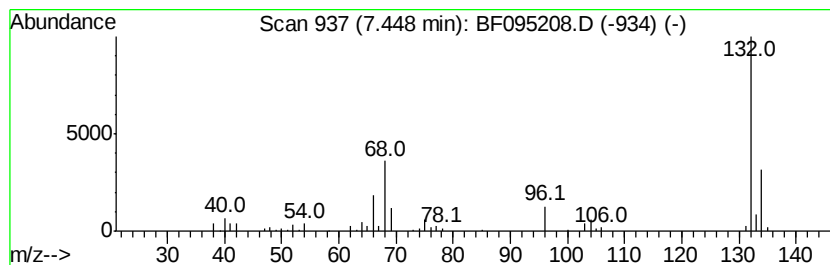
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.45 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	12.02 ng	283830	1,4-Dichlorobenzene-d4	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	47
2		Xenon	132	Xe	007440-63-3	42
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
4		5-Aminoindole	132	C8H8N2	005192-03-0	37
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	32



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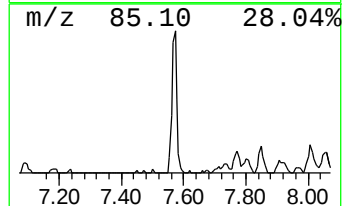
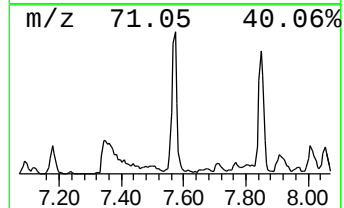
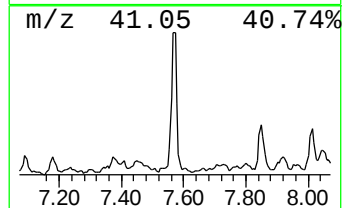
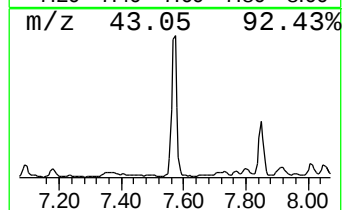
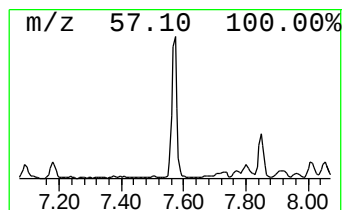
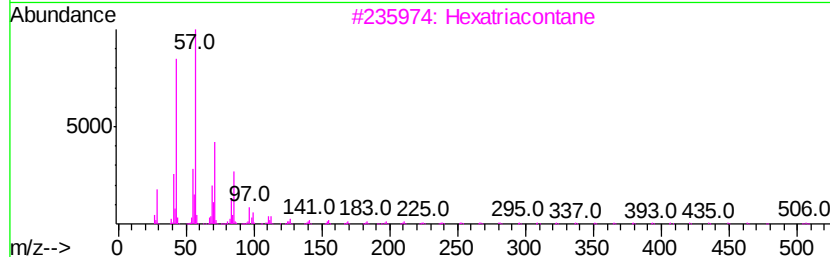
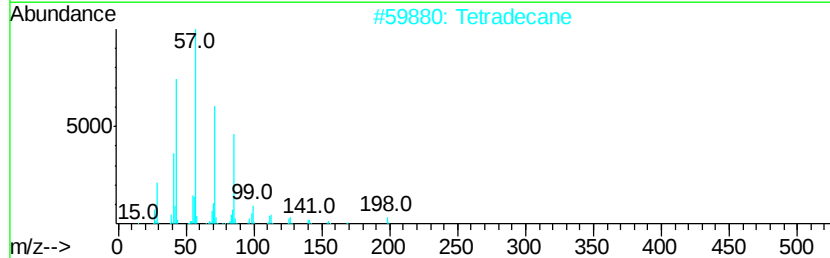
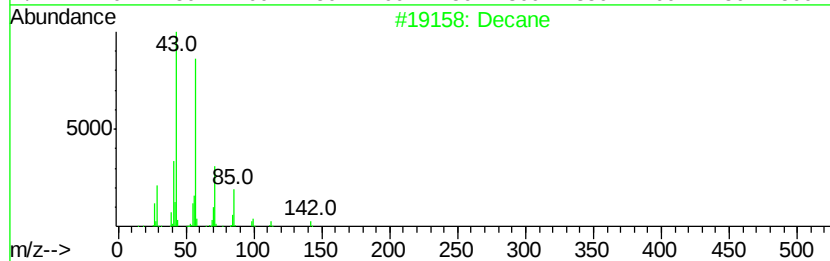
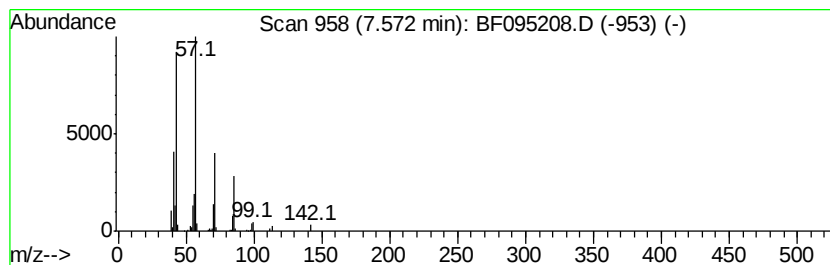
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Decane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	16.72 ng	394934	1,4-Dichlorobenzene-d4	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	93
2		Tetradecane	198	C14H30	000629-59-4	83
3		Hexatriacontane	507	C36H74	000630-06-8	78
4		Hexadecane	226	C16H34	000544-76-3	78
5		Undecane	156	C11H24	001120-21-4	78



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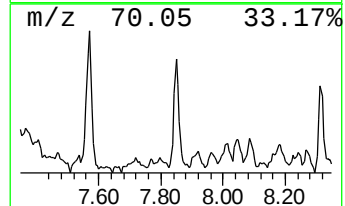
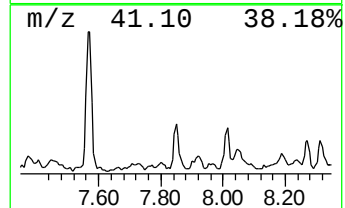
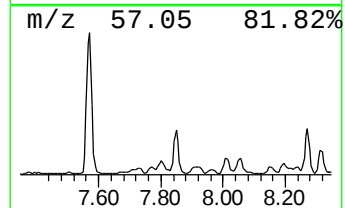
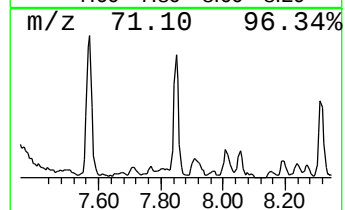
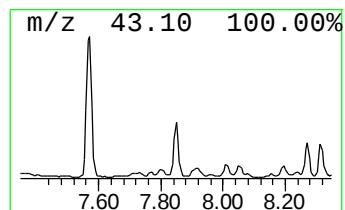
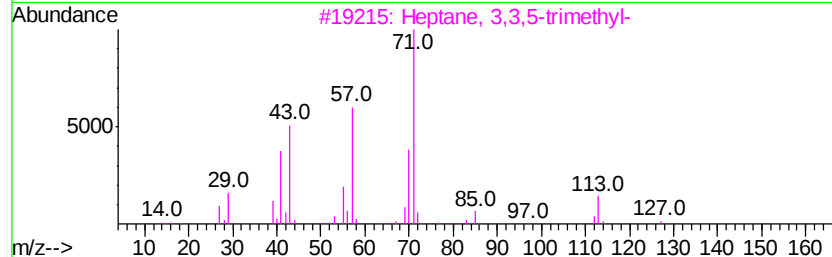
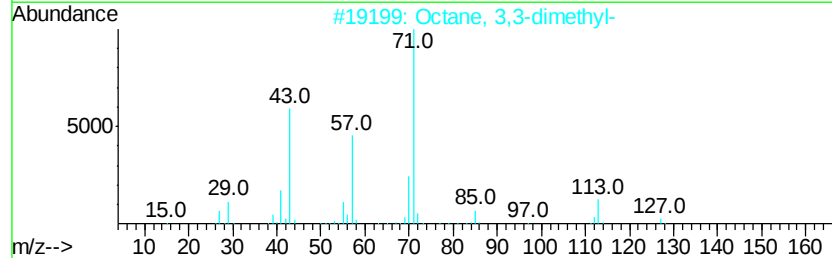
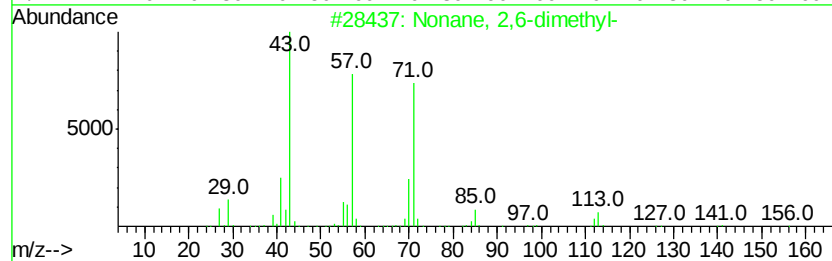
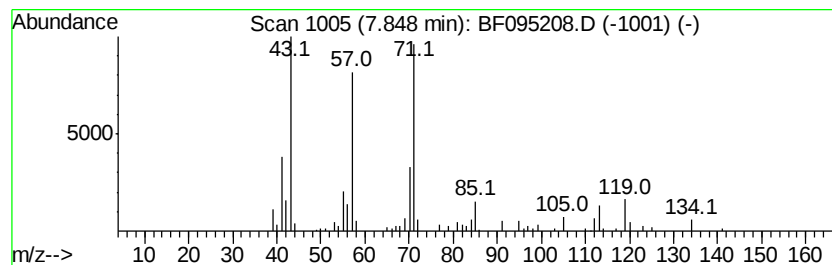
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Nonane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	10.41 ng	245921	1,4-Dichlorobenzene-d4	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	80
2		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
3		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
4		Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	64
5		Decane, 4-methyl-	156	C11H24	002847-72-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051717\
Data File : BF095208.D
Acq On : 18 May 2017 3:38
Operator : SJ/MA
Sample : I3182-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-204-228-ETGI-275

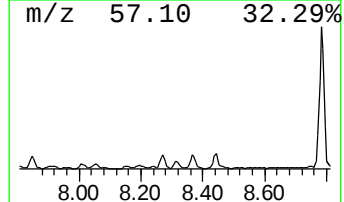
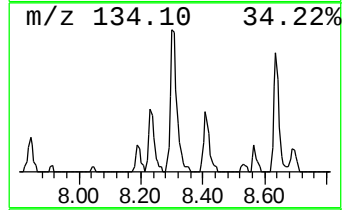
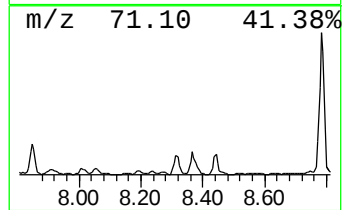
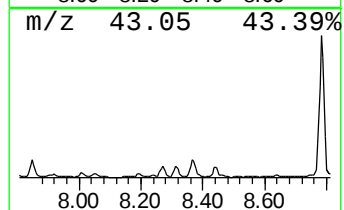
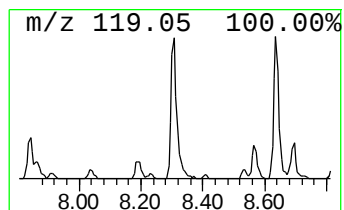
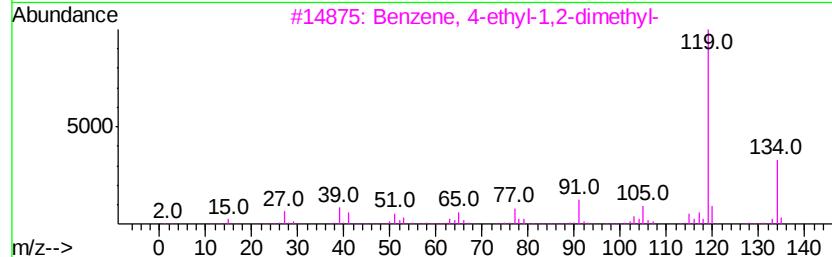
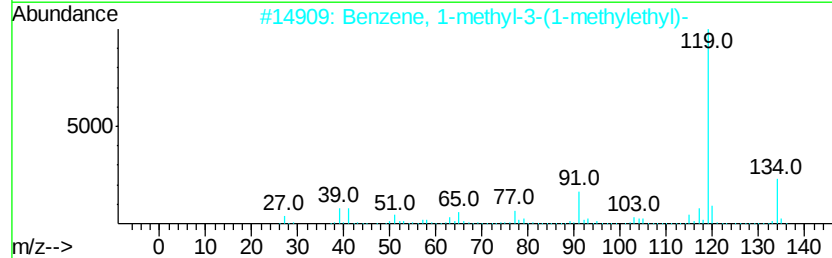
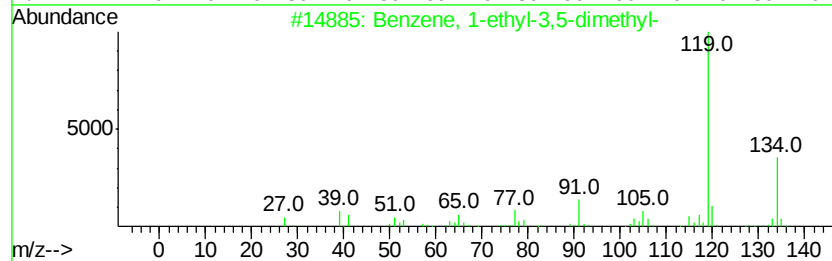
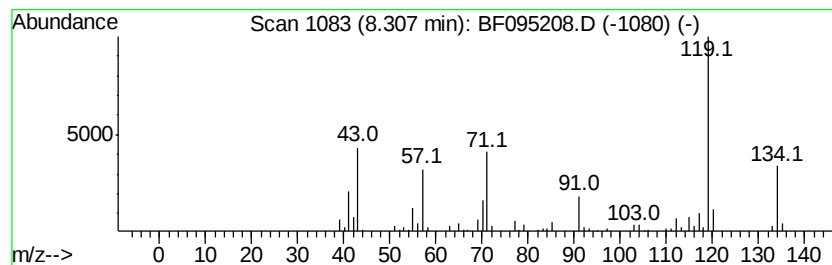
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown8.31 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	7.55 ng	178181	1,4-Dichlorobenzene-d4	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	42
2		Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	38
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	38
4		o-Cymene	134	C10H14	000527-84-4	38
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
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ClientSampleId :
VNJ-204-228-ETGI-275

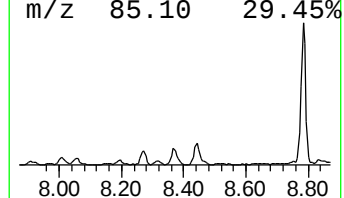
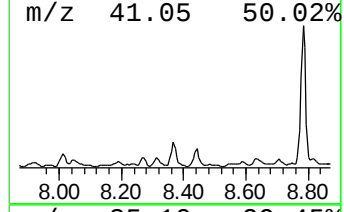
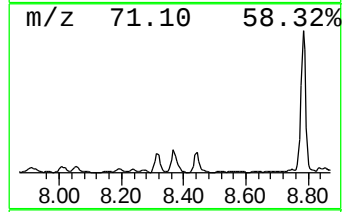
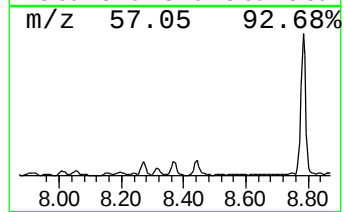
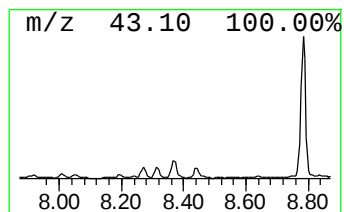
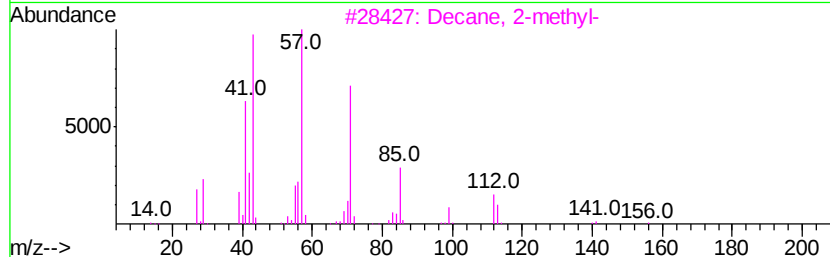
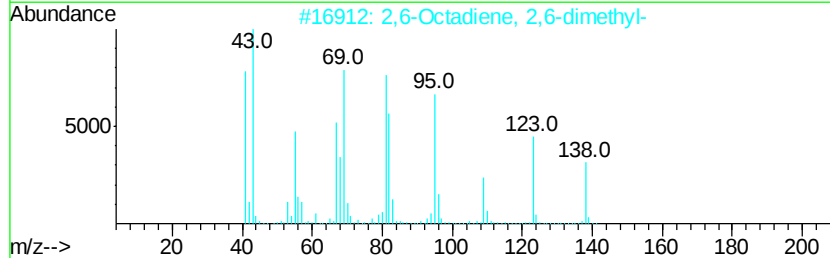
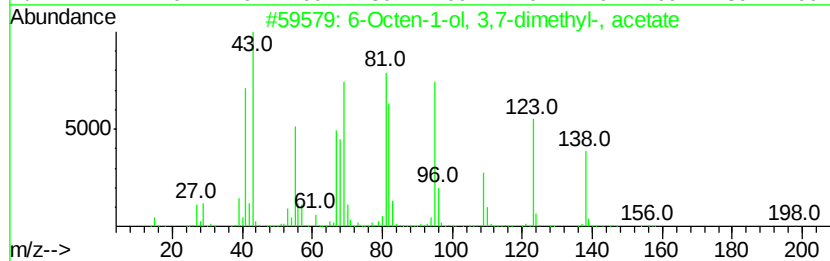
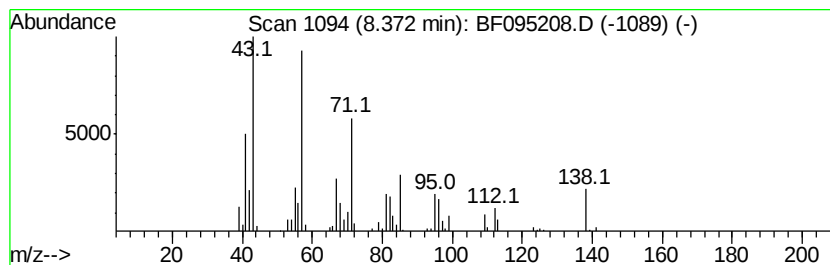
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown8.37 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	10.76 ng	254153	1,4-Dichlorobenzene-d4	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Octen-1-ol, 3,7-dimethyl-, ace...	198	C12H22O2	000150-84-5	38
2		2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	38
3		Decane, 2-methyl-	156	C11H24	006975-98-0	30
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	27
5		Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
Data File : BF095208.D
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Operator : SJ/MA
Sample : I3182-01 5X
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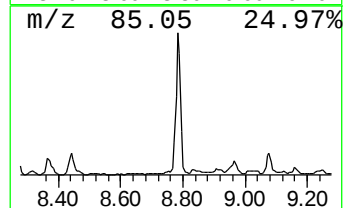
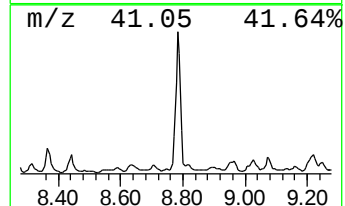
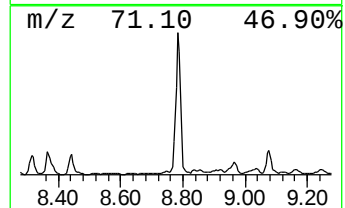
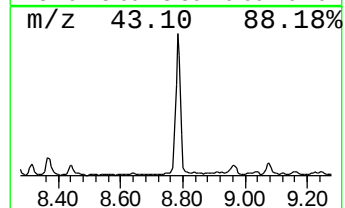
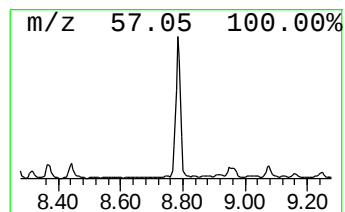
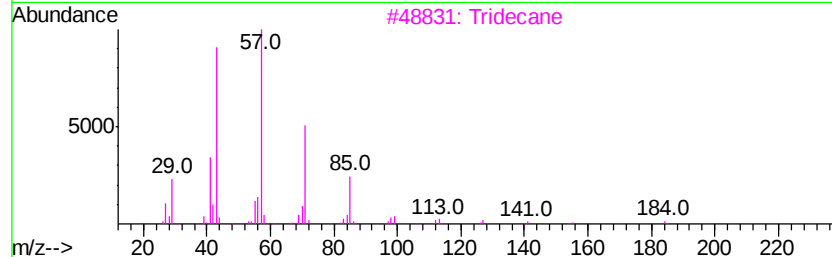
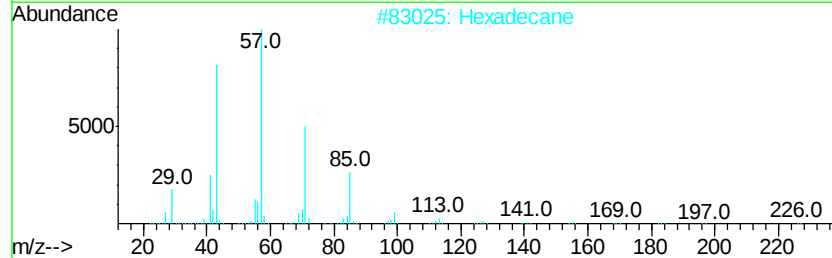
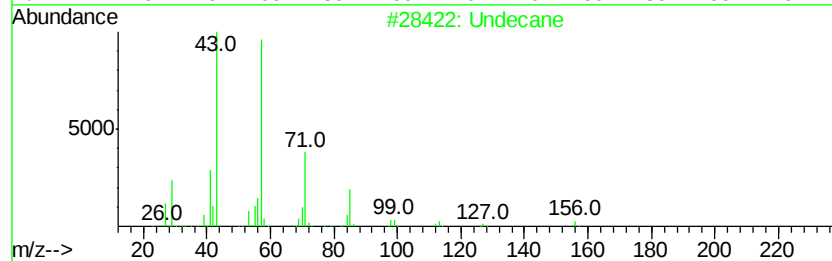
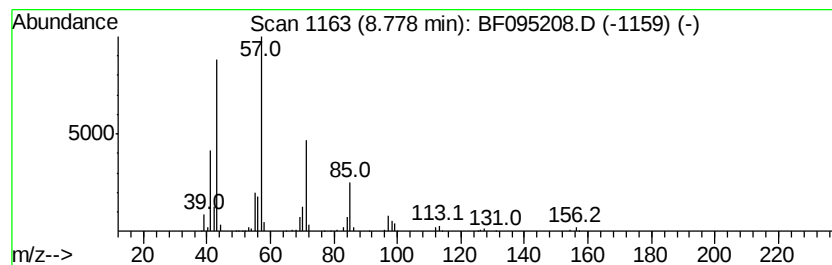
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	21.05 ng	1148440	Napthalene-d8	9.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	90
2		Hexadecane	226	C16H34	000544-76-3	86
3		Tridecane	184	C13H28	000629-50-5	80
4		Decane, 2-methyl-	156	C11H24	006975-98-0	72
5		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051717\
Data File : BF095208.D
Acq On : 18 May 2017 3:38
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Sample : I3182-01 5X
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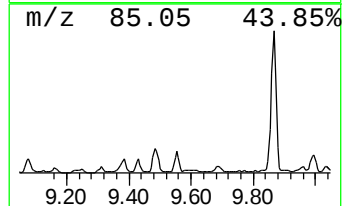
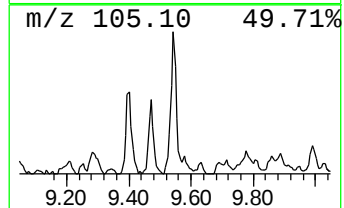
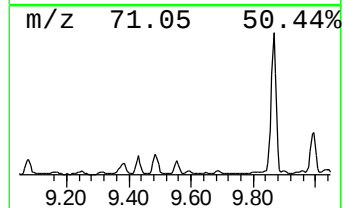
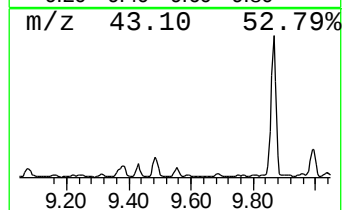
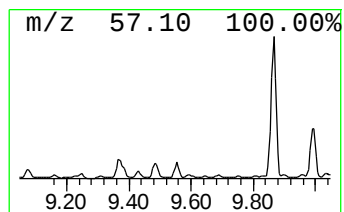
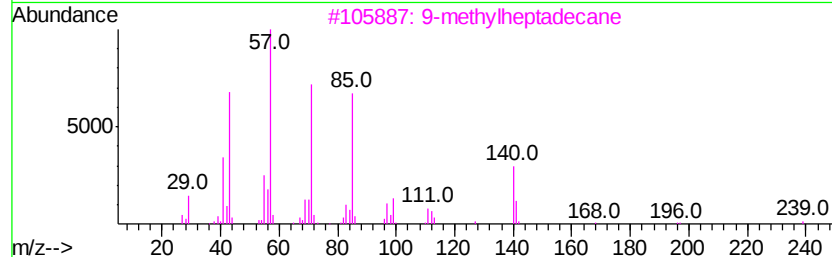
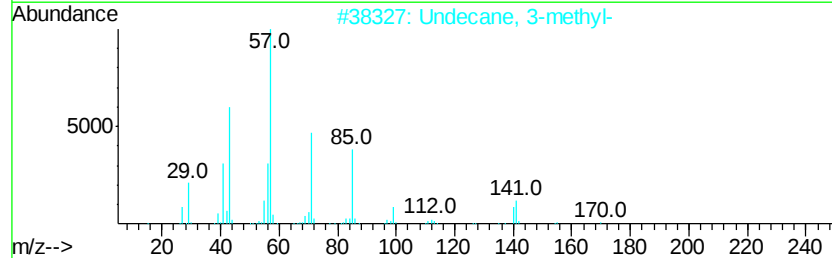
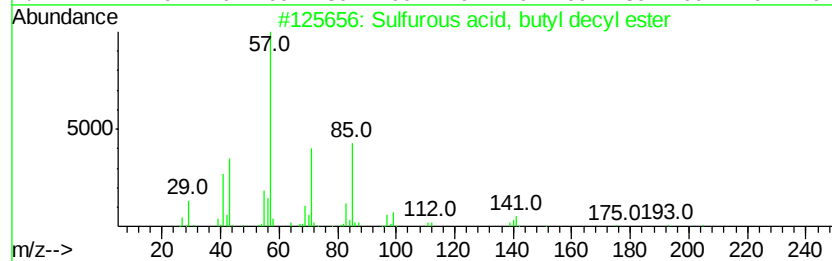
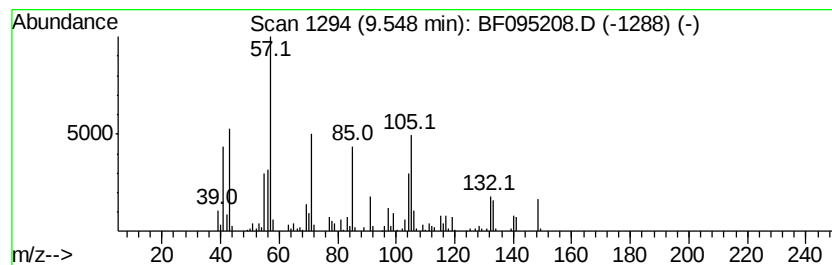
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Sulfurous acid, butyl decyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	7.99 ng	435713	Naphthalene-d8	9.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	64
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	59
3		9-methylheptadecane	254	C18H38	026741-18-4	53
4		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50
5		Nonadecane	268	C19H40	000629-92-5	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051717\
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Acq On : 18 May 2017 3:38
Operator : SJ/MA
Sample : I3182-01 5X
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Instrument :
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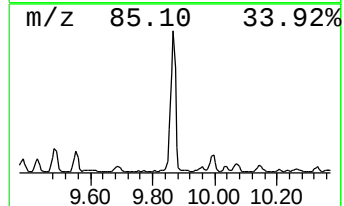
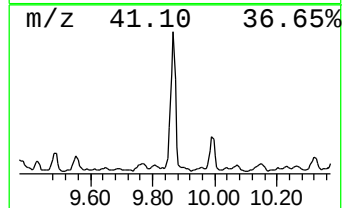
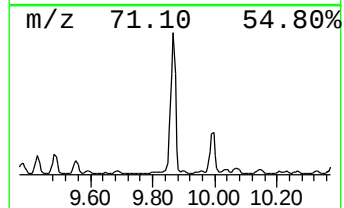
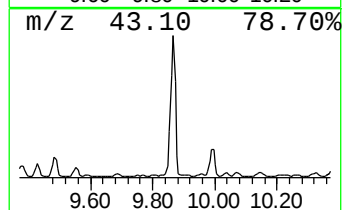
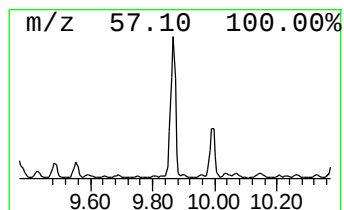
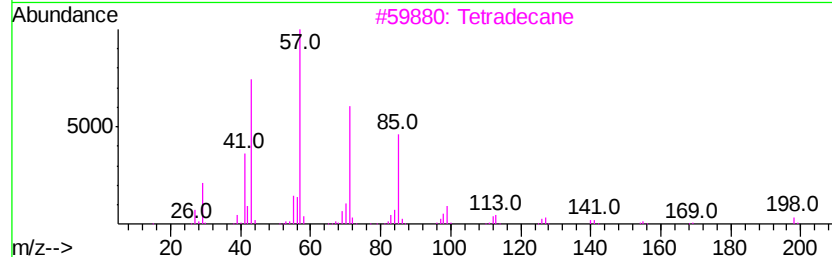
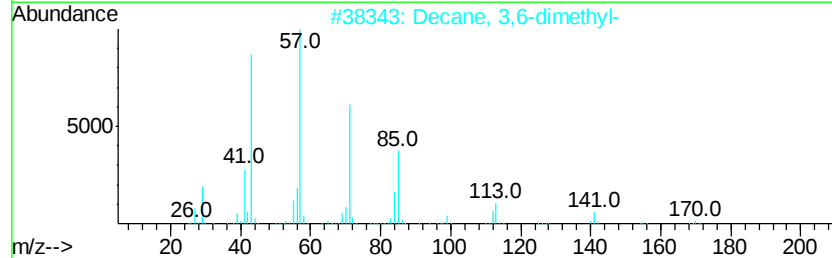
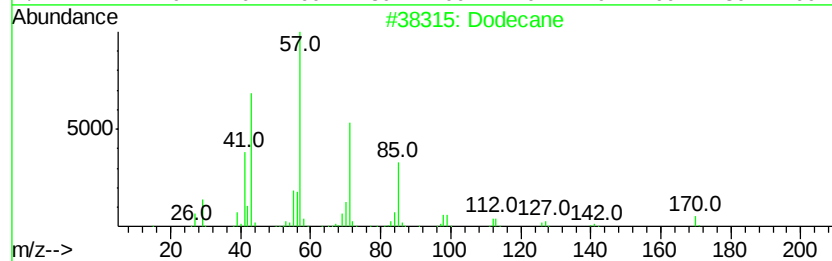
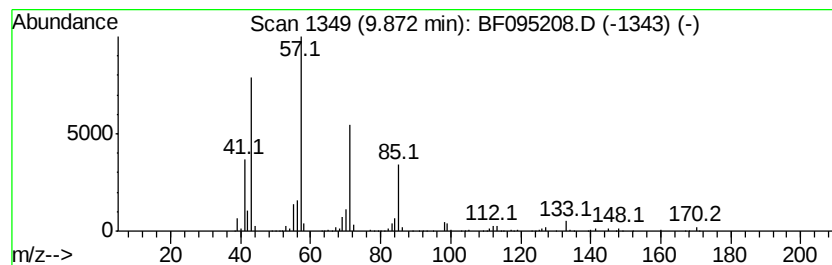
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	33.09 ng	1805470	Napthalene-d8	9.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	95
2		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	87
3		Tetradecane	198	C14H30	000629-59-4	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051717\
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Acq On : 18 May 2017 3:38
Operator : SJ/MA
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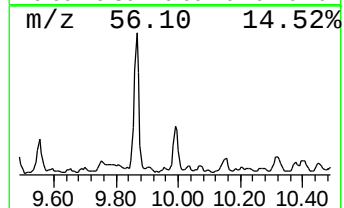
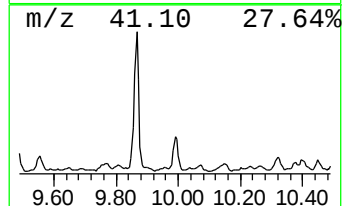
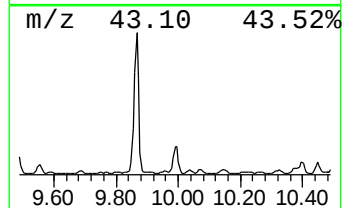
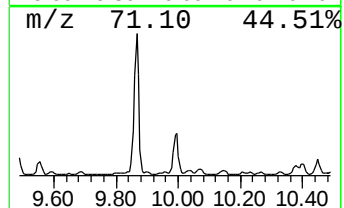
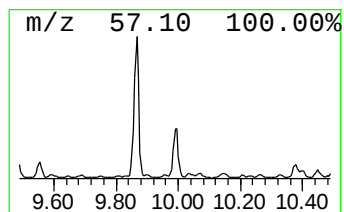
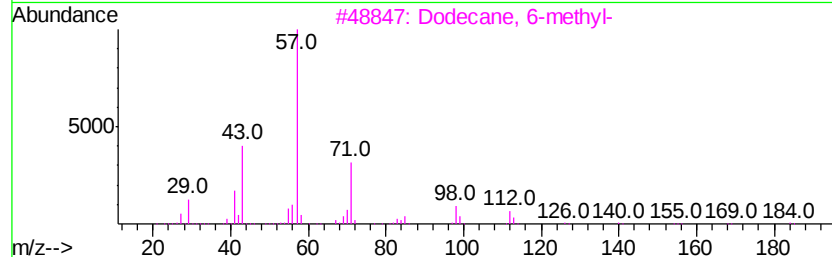
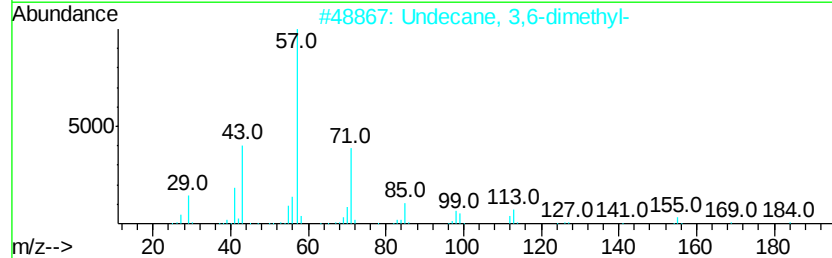
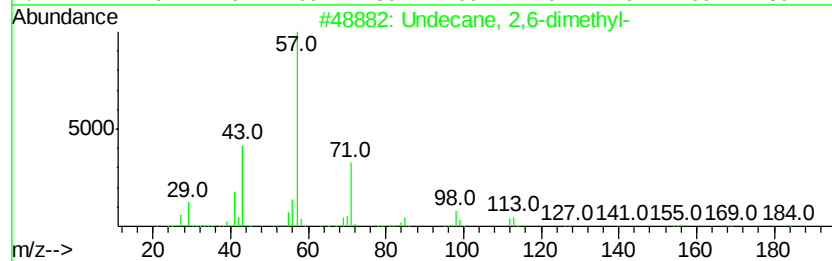
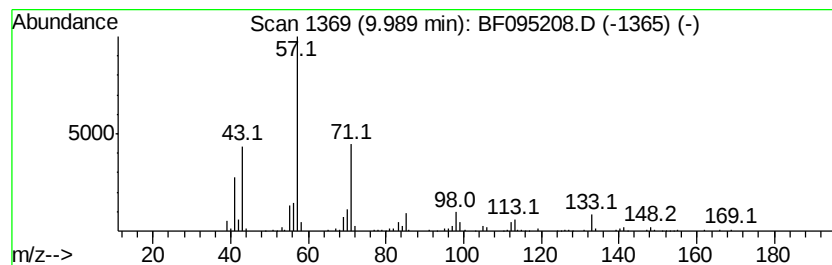
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Undecane, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	9.16 ng	499506	Napthalene-d8	9.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90
3		Dodecane, 6-methyl-	184	C13H28	006044-71-9	72
4		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
5		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
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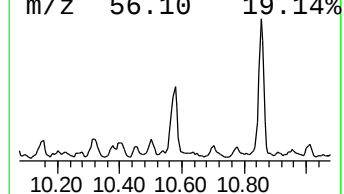
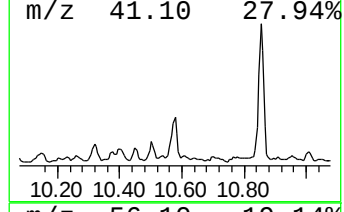
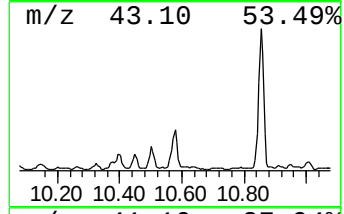
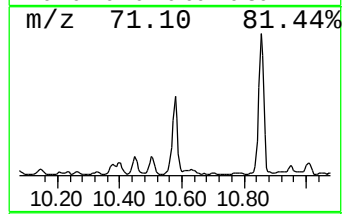
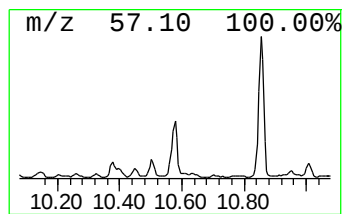
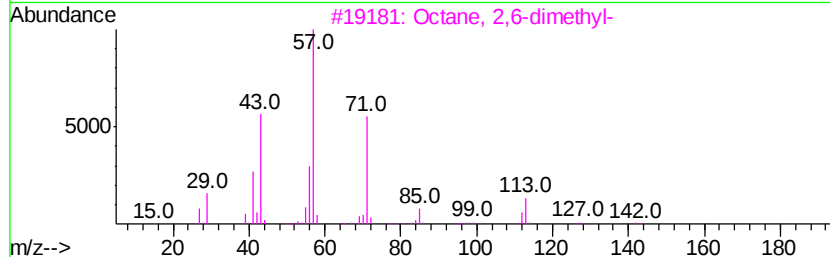
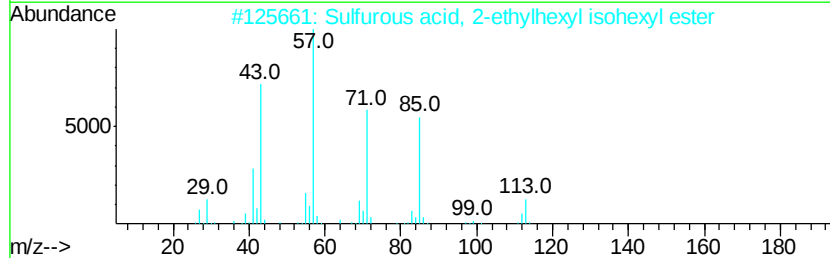
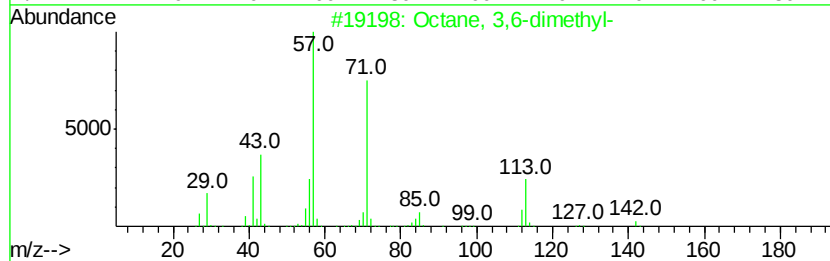
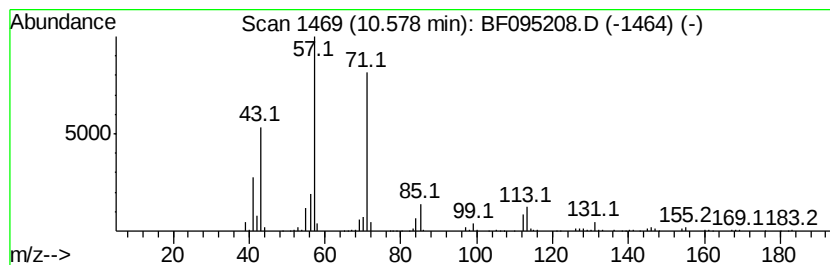
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ClientSampleId :
VNJ-204-228-ETGI-275

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octane, 3,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	10.04 ng	547633	Napthalene-d8	9.78
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octane, 3,6-dimethyl-	142 C10H22	015869-94-0	78
2	Sulfurous acid, 2-ethylhexyl iso...	278 C14H30O3S	1000309-19-0	72
3	Octane, 2,6-dimethyl-	142 C10H22	002051-30-1	72
4	1-Decene, 4-methyl-	154 C11H22	013151-29-6	59
5	Sulfurous acid, 2-ethylhexyl hex...	278 C14H30O3S	1000309-20-2	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
Data File : BF095208.D
Acq On : 18 May 2017 3:38
Operator : SJ/MA
Sample : I3182-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-204-228-ETGI-275

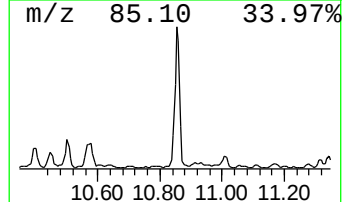
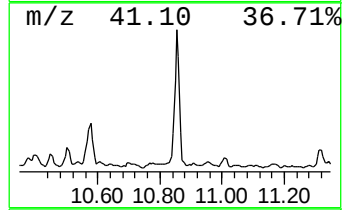
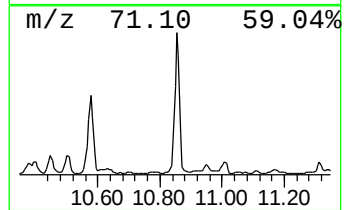
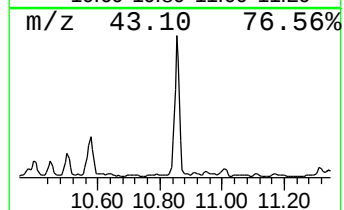
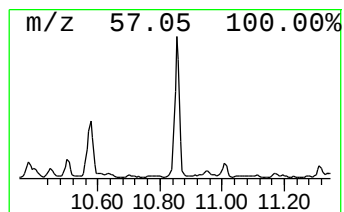
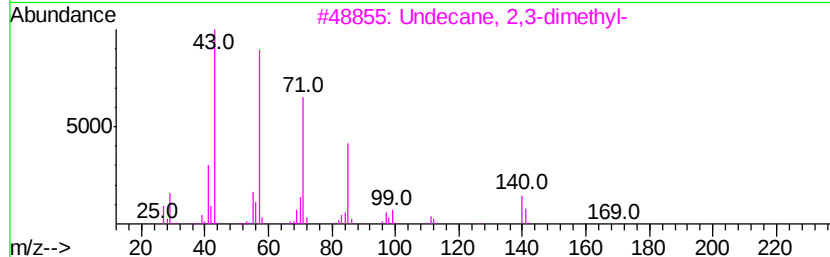
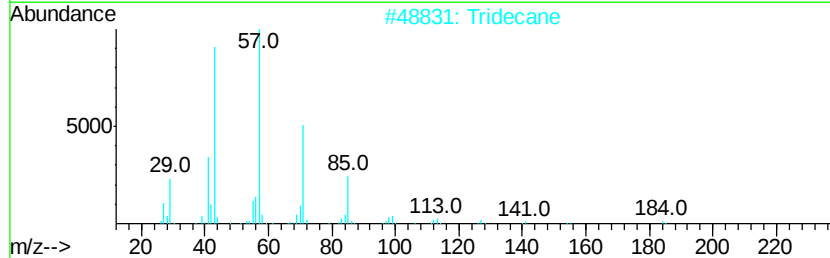
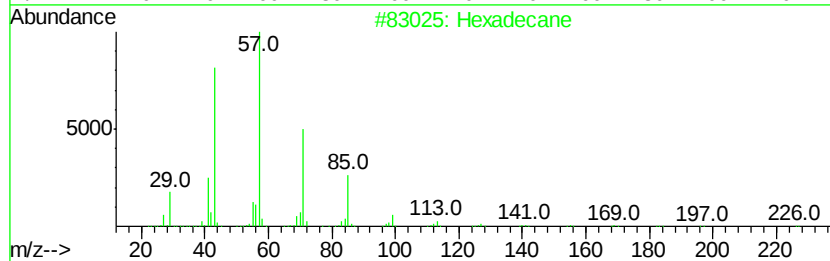
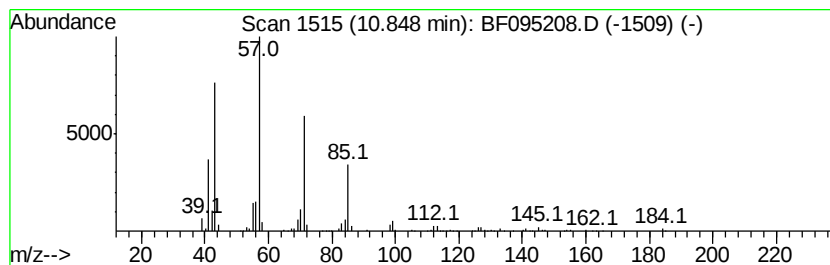
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	26.66 ng	1454390	Naphthalene-d8	9.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Tridecane	184	C13H28	000629-50-5	90
3		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	90
4		Pentadecane	212	C15H32	000629-62-9	90
5		Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
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ALS Vial : 22 Sample Multiplier: 1

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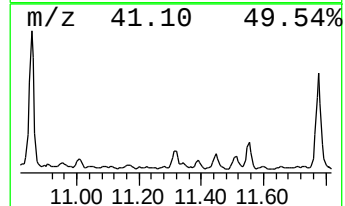
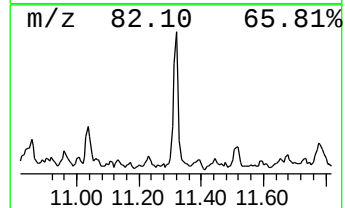
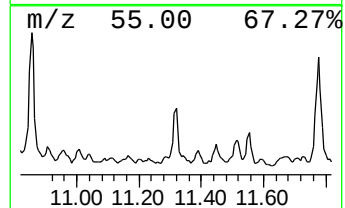
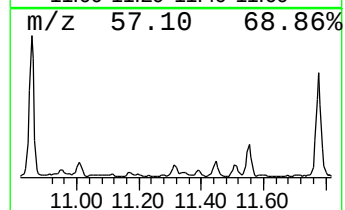
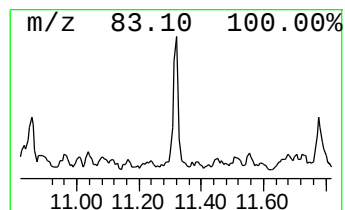
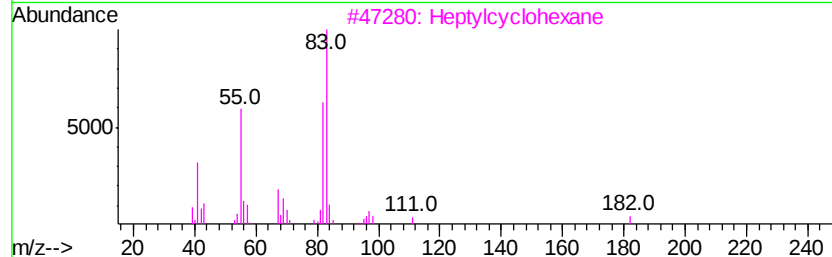
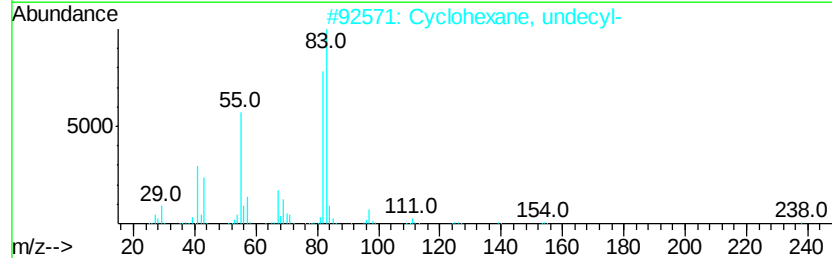
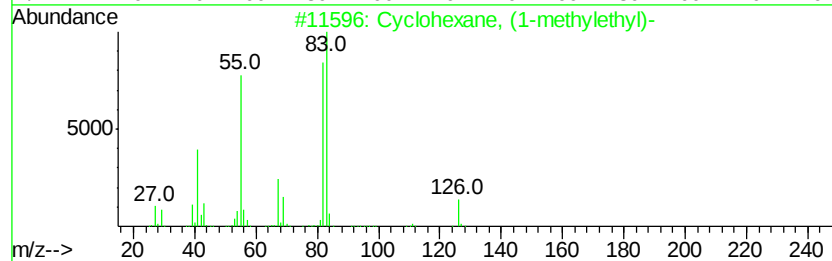
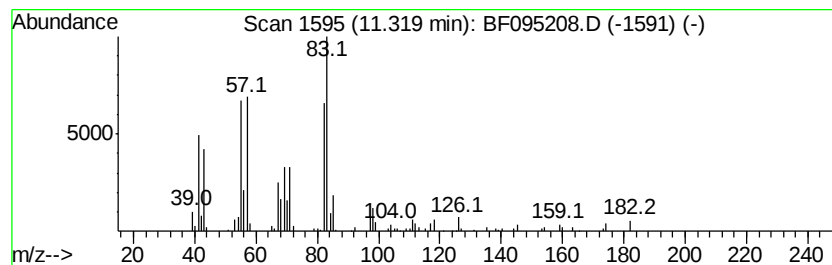
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclohexane, (1-methylethyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	11.66 ng	234381	Acenaphthene-d10	12.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	62
2		Cyclohexane, undecyl-	238	C17H34	054105-66-7	59
3		Heptylcyclohexane	182	C13H26	005617-41-4	58
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	52
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051717\
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Operator : SJ/MA
Sample : I3182-01 5X
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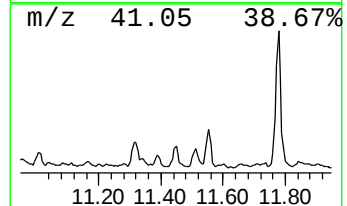
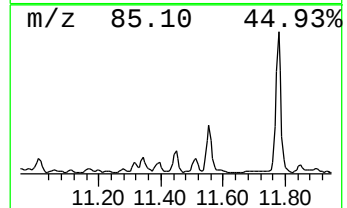
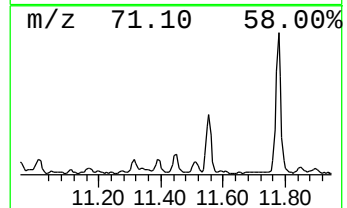
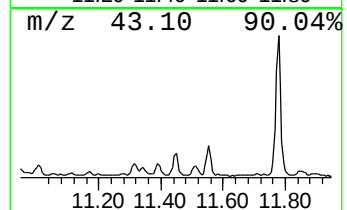
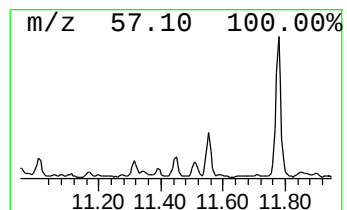
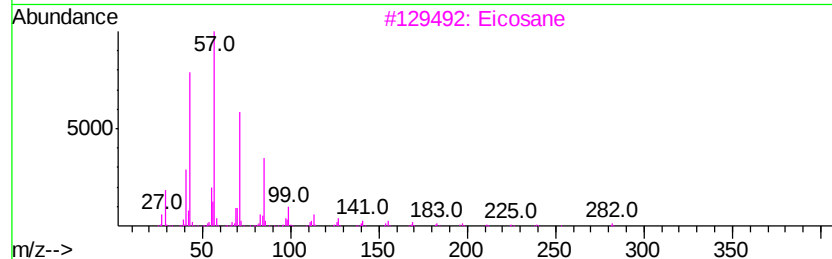
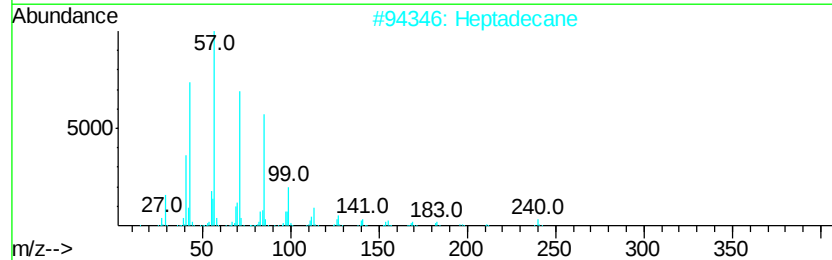
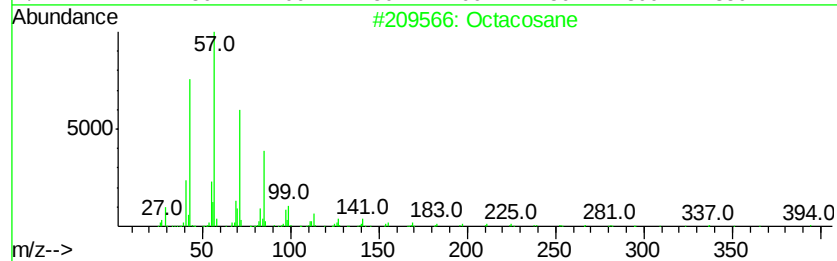
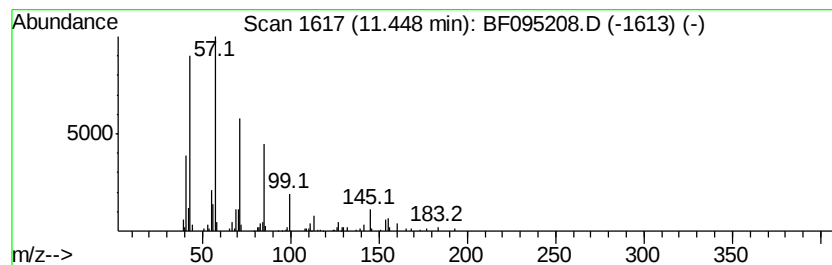
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.45	7.90 ng	158867	Acenaphthene-d10		12.62
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	74
2	Heptadecane	240	C17H36	000629-78-7	72
3	Eicosane	282	C20H42	000112-95-8	59
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	59
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
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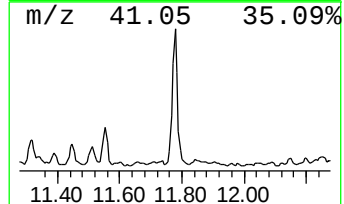
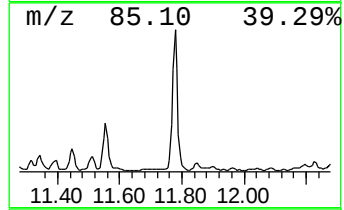
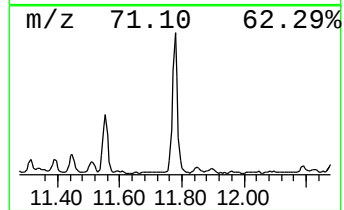
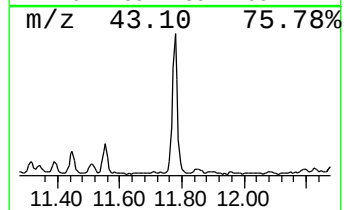
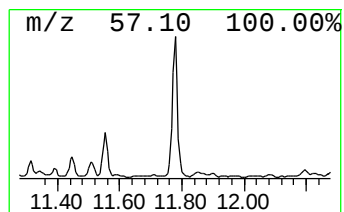
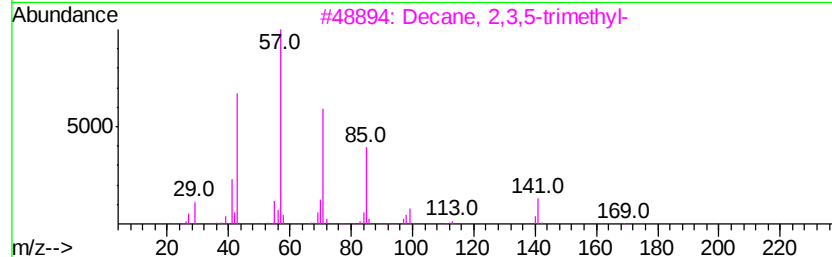
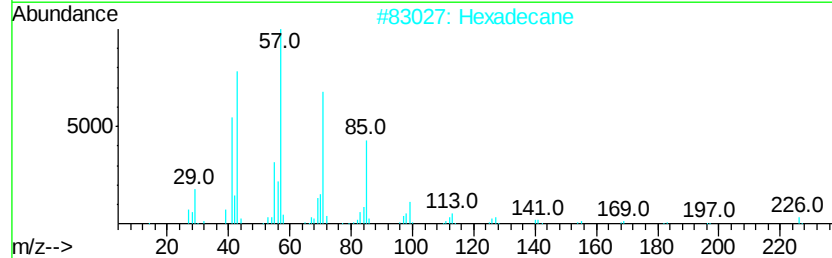
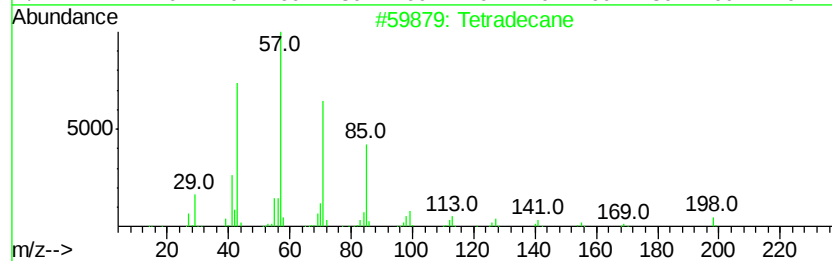
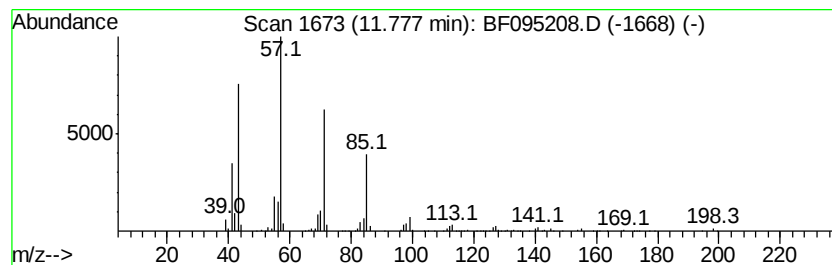
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.78	58.56 ng	1177580	Acenaphthene-d10		12.62
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Hexadecane	226	C16H34	000544-76-3	86
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	83
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051717\
Data File : BF095208.D
Acq On : 18 May 2017 3:38
Operator : SJ/MA
Sample : I3182-01 5X
Misc :
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Instrument :
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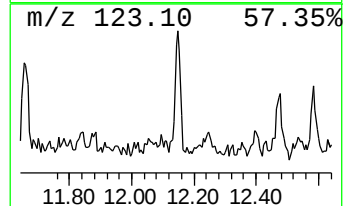
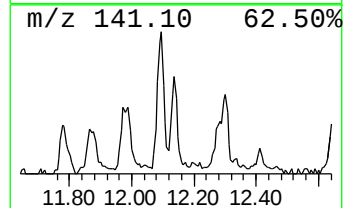
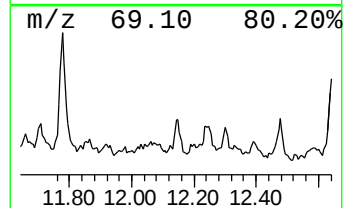
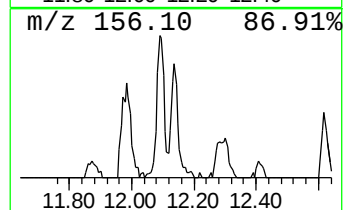
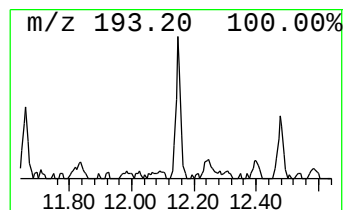
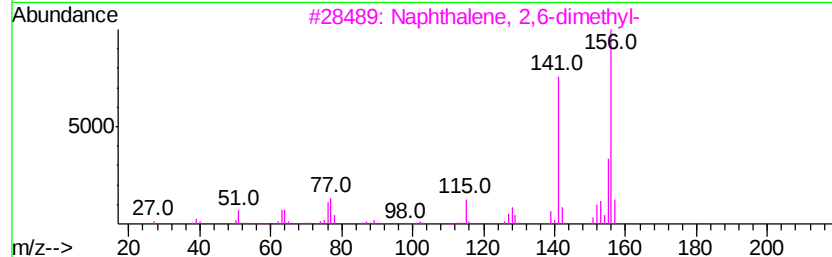
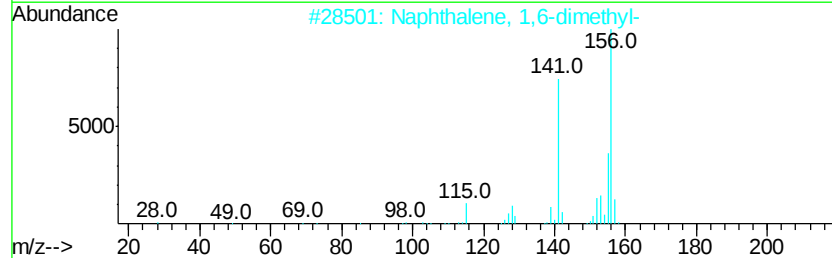
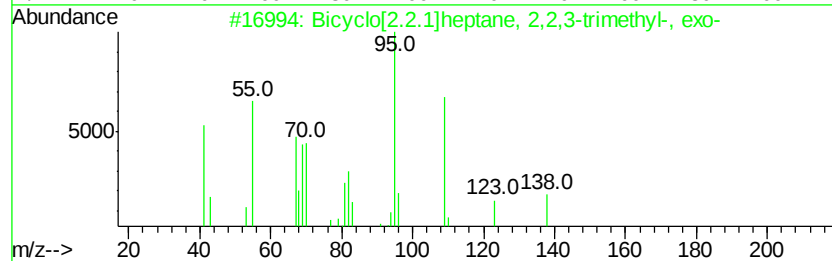
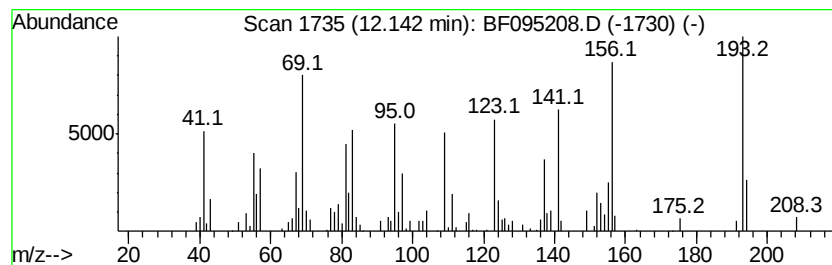
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown12.14 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	9.96 ng	200234	Acenaphthene-d10	12.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	44
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	42
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	35
4		Neopentylidenecyclohexane	152	C11H20	039546-80-0	25
5		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051717\
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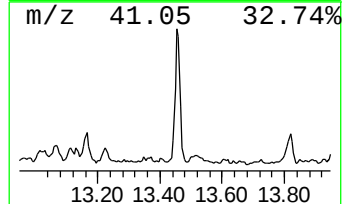
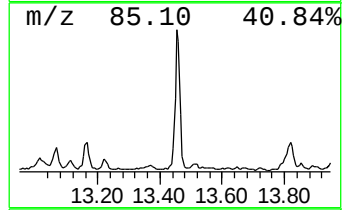
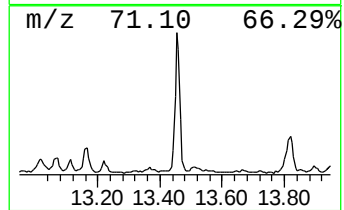
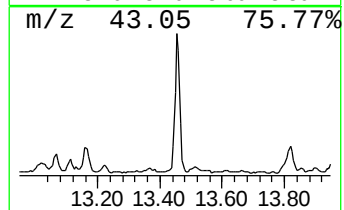
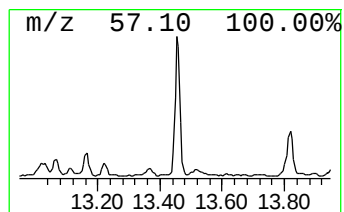
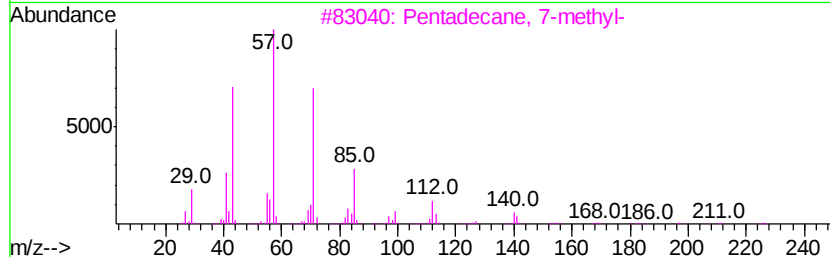
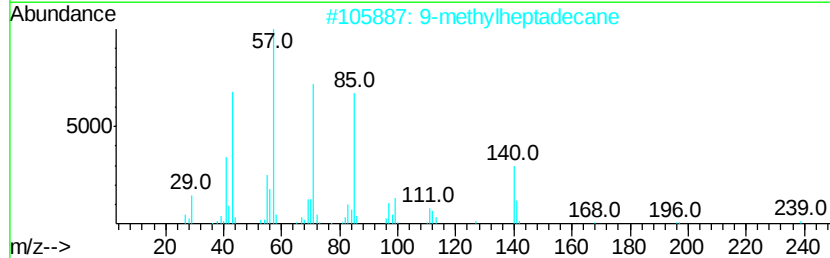
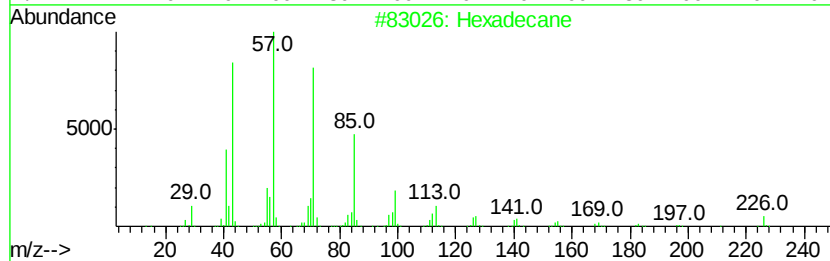
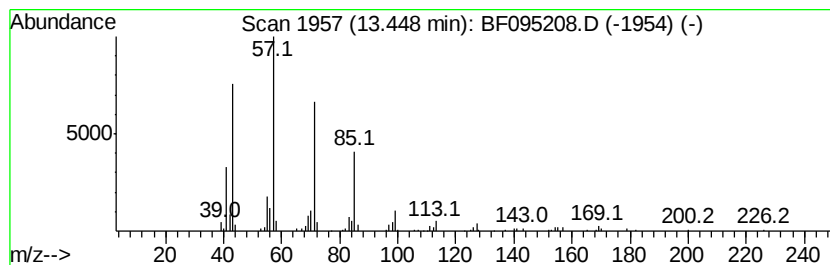
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Decane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.		
13.45	18.87 ng	379534	Acenaphthene-d10		12.62		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			9-methylheptadecane	254	C18H38	026741-18-4	90
3			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
4			Decane, 3-methyl-	156	C11H24	013151-34-3	83
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
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ALS Vial : 22 Sample Multiplier: 1

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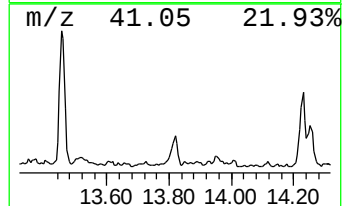
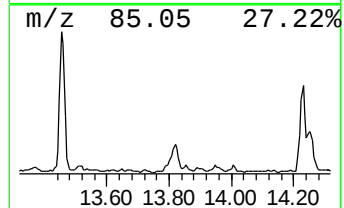
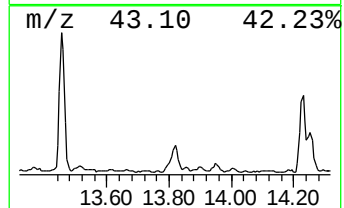
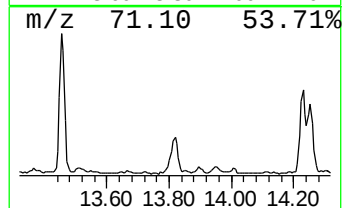
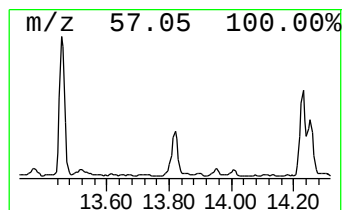
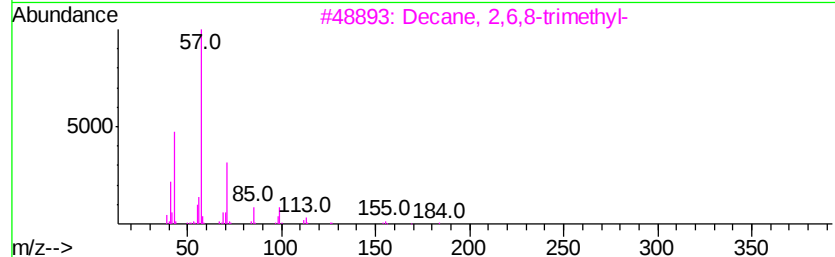
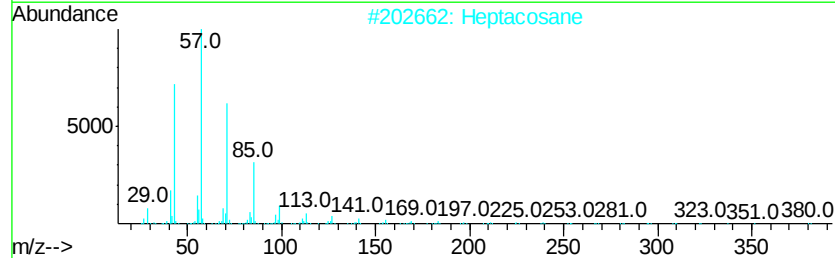
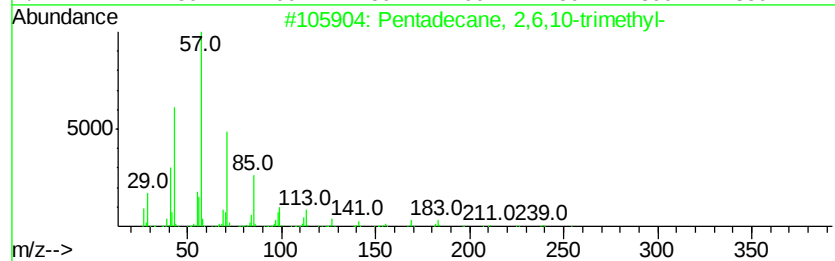
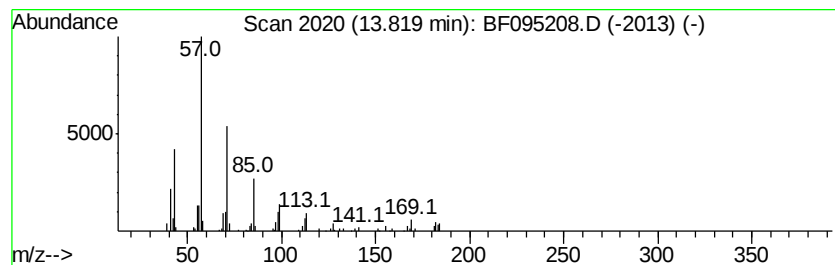
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentadecane, 2,6,10-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	7.28 ng	146442	Acenaphthene-d10	12.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
2		Heptacosane	380	C27H56	000593-49-7	80
3		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	70
4		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	58
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
Data File : BF095208.D
Acq On : 18 May 2017 3:38
Operator : SJ/MA
Sample : I3182-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-204-228-ETGI-275

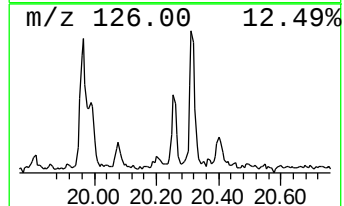
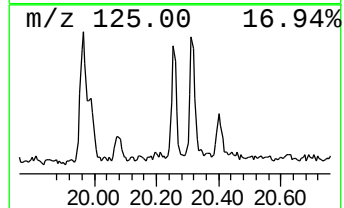
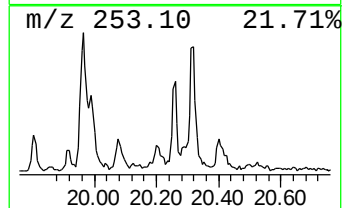
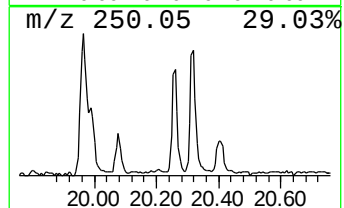
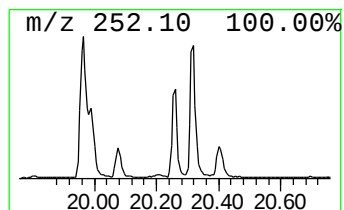
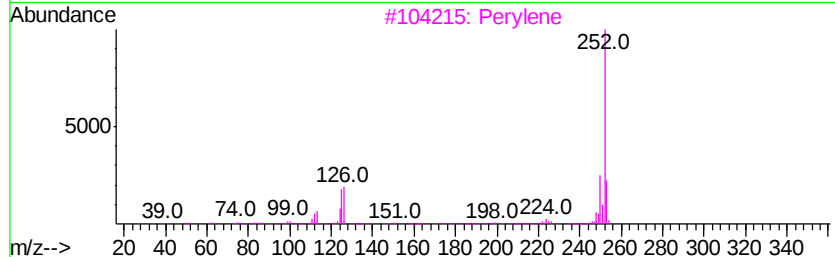
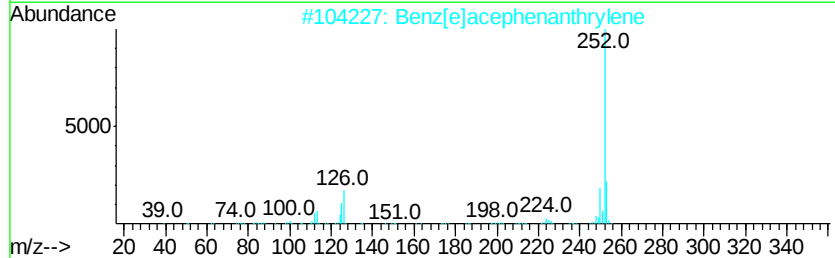
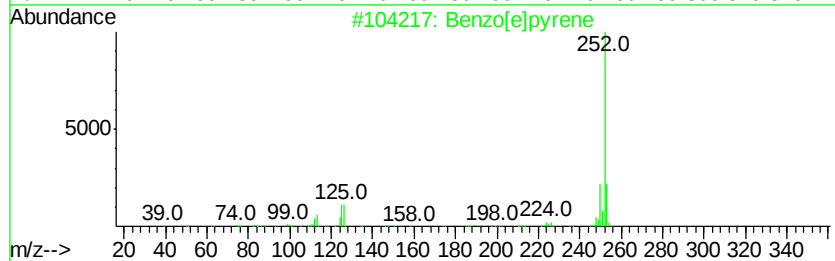
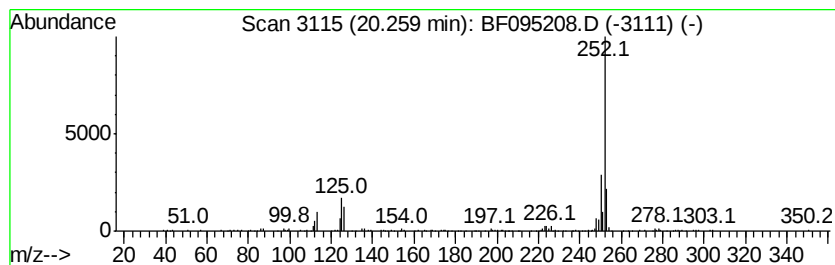
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	7.73 ng	137119	Perylene-d12	20.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3		Perylene	252	C20H12	000198-55-0	93
4		Benzo[a]pyrene	252	C20H12	000050-32-8	92
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051717\
 Data File : BF095208.D
 Acq On : 18 May 2017 3:38
 Operator : SJ/MA
 Sample : I3182-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-204-228-ETGI-275

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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
unknown7.45	7.45	12.0	ng	283830	1	7.77	472282	20.0
Decane	7.57	16.7	ng	394934	1	7.77	472282	20.0
Nonane, 2,6-dimet...	7.85	10.4	ng	245921	1	7.77	472282	20.0
unknown8.31	8.31	7.5	ng	178181	1	7.77	472282	20.0
unknown8.37	8.37	10.8	ng	254153	1	7.77	472282	20.0
Undecane	8.78	21.1	ng	1148440	2	9.78	1091160	20.0
Sulfurous acid, b...	9.55	8.0	ng	435713	2	9.78	1091160	20.0
Dodecane	9.87	33.1	ng	1805470	2	9.78	1091160	20.0
Undecane, 2,6-dim...	9.99	9.2	ng	499506	2	9.78	1091160	20.0
Octane, 3,6-dimet...	10.58	10.0	ng	547633	2	9.78	1091160	20.0
Hexadecane	10.85	26.7	ng	1454390	2	9.78	1091160	20.0
Cyclohexane, (1-m...	11.32	11.7	ng	234381	3	12.62	402178	20.0
Octacosane	11.45	7.9	ng	158867	3	12.62	402178	20.0
Tetradecane	11.78	58.6	ng	1177580	3	12.62	402178	20.0
unknown12.14	12.14	10.0	ng	200234	3	12.62	402178	20.0
Decane, 3-methyl-	13.45	18.9	ng	379534	3	12.62	402178	20.0
Pentadecane, 2,6,...	13.82	7.3	ng	146442	3	12.62	402178	20.0
Benzo[e]pyrene	20.26	7.7	ng	137119	6	20.37	354652	20.0