

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
 Data File : BF094891.D
 Acq On : 5 May 2017 00:23
 Operator : SJ/MA
 Sample : I2916-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP(0-2.5)

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	5.025	520	525	541	rBV	234715	481438	17.70%	1.574%
2	5.666	630	634	653	rBV	1389587	2005934	73.74%	6.557%
3	7.266	901	906	921	rBV	1462224	2064573	75.90%	6.749%
4	7.384	921	926	946	rVB	1720077	2252484	82.80%	7.363%
5	7.719	979	983	995	rVB	404591	462906	17.02%	1.513%
6	7.960	1018	1024	1037	rVB2	1458567	2720301	100.00%	8.892%
7	8.436	1101	1105	1114	rVB	44915	53578	1.97%	0.175%
8	8.619	1130	1136	1155	rBV	1134254	1389851	51.09%	4.543%
9	9.613	1300	1305	1309	rVB2	27847	39154	1.44%	0.128%
10	9.742	1322	1327	1339	rBV	536883	680389	25.01%	2.224%
11	10.407	1436	1440	1458	rBV	56665	150120	5.52%	0.491%
12	11.513	1623	1628	1642	rBV	1779443	2061518	75.78%	6.739%
13	11.619	1642	1646	1650	rBV	39331	41545	1.53%	0.136%
14	12.042	1710	1718	1723	rBV3	24649	36346	1.34%	0.119%
15	12.201	1740	1745	1751	rBV	199877	258681	9.51%	0.846%
16	12.483	1789	1793	1797	rBV	59592	69730	2.56%	0.228%
17	12.566	1803	1807	1814	rBV2	582146	763538	28.07%	2.496%
18	12.677	1823	1826	1831	rVB	38587	44822	1.65%	0.147%
19	12.819	1845	1850	1857	rBV	114915	173891	6.39%	0.568%
20	12.877	1857	1860	1865	rVB	96647	104276	3.83%	0.341%
21	13.201	1909	1915	1918	rBV4	20747	31171	1.15%	0.102%
22	13.413	1948	1951	1955	rBV	34537	47134	1.73%	0.154%
23	13.530	1967	1971	1976	rBV4	26380	37185	1.37%	0.122%
24	13.583	1976	1980	1984	rVV4	26876	36680	1.35%	0.120%
25	13.642	1988	1990	1997	rVB7	16597	28746	1.06%	0.094%
26	13.783	2004	2014	2020	rBV7	48821	102754	3.78%	0.336%
27	13.866	2023	2028	2039	rVV	1051038	1437691	52.85%	4.700%
28	13.960	2039	2044	2052	rVV8	46271	114372	4.20%	0.374%
29	14.101	2063	2068	2071	rBV	203505	241227	8.87%	0.789%
30	14.130	2071	2073	2079	rVV5	21985	35020	1.29%	0.114%
31	14.189	2079	2083	2085	rVV2	45689	58088	2.14%	0.190%
32	14.213	2085	2087	2092	rVB4	27951	31456	1.16%	0.103%
33	14.507	2132	2137	2140	rBV3	21805	30376	1.12%	0.099%
34	14.618	2151	2156	2160	rBV2	66591	87679	3.22%	0.287%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.701	2166	2170	2176	rVB5	24208	41014	1.51%	0.134%
36	14.760	2176	2180	2186	rVB	78039	97696	3.59%	0.319%
37	14.842	2190	2194	2197	rBV3	43166	60269	2.22%	0.197%
38	14.901	2197	2204	2205	rBV4	30204	56577	2.08%	0.185%
39	14.918	2205	2207	2210	rVB	33896	33347	1.23%	0.109%
40	14.971	2210	2216	2220	rBV2	673440	940199	34.56%	3.073%
41	15.007	2220	2222	2226	rVB	107294	110507	4.06%	0.361%
42	15.130	2240	2243	2247	rVB3	27655	35883	1.32%	0.117%
43	15.183	2247	2252	2259	rBV	445832	673078	24.74%	2.200%
44	15.283	2264	2269	2275	rVB8	47191	123450	4.54%	0.404%
45	15.507	2303	2307	2312	rBV8	17783	32056	1.18%	0.105%
46	15.660	2328	2333	2347	rVB	740043	1159274	42.62%	3.790%
47	15.812	2353	2359	2367	rBV	289842	413919	15.22%	1.353%
48	15.877	2367	2370	2373	rVV5	22800	29598	1.09%	0.097%
49	15.936	2373	2380	2387	rVB4	248696	372940	13.71%	1.219%
50	16.318	2442	2445	2455	rVB9	19987	41035	1.51%	0.134%
51	16.518	2476	2479	2483	rBV5	25813	43353	1.59%	0.142%
52	16.618	2492	2496	2501	rVB3	72041	109196	4.01%	0.357%
53	16.748	2515	2518	2522	rBV	110608	127457	4.69%	0.417%
54	17.024	2562	2565	2567	rBV4	30352	37185	1.37%	0.122%
55	17.054	2567	2570	2574	rVB	105615	118862	4.37%	0.389%
56	17.295	2604	2611	2614	rBV2	1557188	2609324	95.92%	8.530%
57	17.318	2614	2615	2620	rVB	156299	143464	5.27%	0.469%
58	17.465	2636	2640	2643	rBV	119019	138441	5.09%	0.453%
59	17.712	2675	2682	2683	rVV4	36379	77442	2.85%	0.253%
60	17.742	2684	2687	2694	rVB4	108836	167466	6.16%	0.547%
61	17.912	2713	2716	2719	rBV5	30355	30336	1.12%	0.099%
62	18.418	2799	2802	2807	rVB6	30253	32780	1.21%	0.107%
63	18.465	2808	2810	2814	rBV4	45681	47510	1.75%	0.155%
64	18.536	2818	2822	2829	rBV2	283171	489452	17.99%	1.600%
65	18.636	2834	2839	2843	rVV	574800	718524	26.41%	2.349%
66	18.701	2847	2850	2854	rVB	61494	65672	2.41%	0.215%
67	19.253	2941	2944	2948	rBV6	34310	51536	1.89%	0.168%
68	19.336	2952	2958	2966	rBV2	331809	618118	22.72%	2.021%
69	19.771	3029	3032	3038	rVB	58065	70346	2.59%	0.230%
70	20.059	3077	3081	3083	rBV	209575	271672	9.99%	0.888%
71	20.083	3083	3085	3099	rVB3	219152	380560	13.99%	1.244%

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72	20.247	3110	3113	3116	rVV	51220	50245	1.85%	0.164%
73	20.300	3117	3122	3132	rVB	476243	679614	24.98%	2.222%
74	20.400	3137	3139	3144	rBV6	28335	33061	1.22%	0.108%
75	20.571	3165	3168	3176	rVB4	53865	72401	2.66%	0.237%
76	20.777	3199	3203	3207	rBV2	100519	130858	4.81%	0.428%
77	20.824	3208	3211	3215	rBV3	49911	74080	2.72%	0.242%
78	21.277	3283	3288	3293	rBV6	34296	68549	2.52%	0.224%
79	21.442	3313	3316	3327	rVB8	48459	95718	3.52%	0.313%
80	21.606	3339	3344	3347	rBV3	26135	46460	1.71%	0.152%
81	22.106	3425	3429	3435	rVB5	68576	122182	4.49%	0.399%
82	22.318	3460	3465	3474	rVB8	59275	146181	5.37%	0.478%
83	22.506	3491	3497	3510	rVB8	104541	254215	9.35%	0.831%
84	23.747	3703	3708	3717	rVB10	30324	73325	2.70%	0.240%

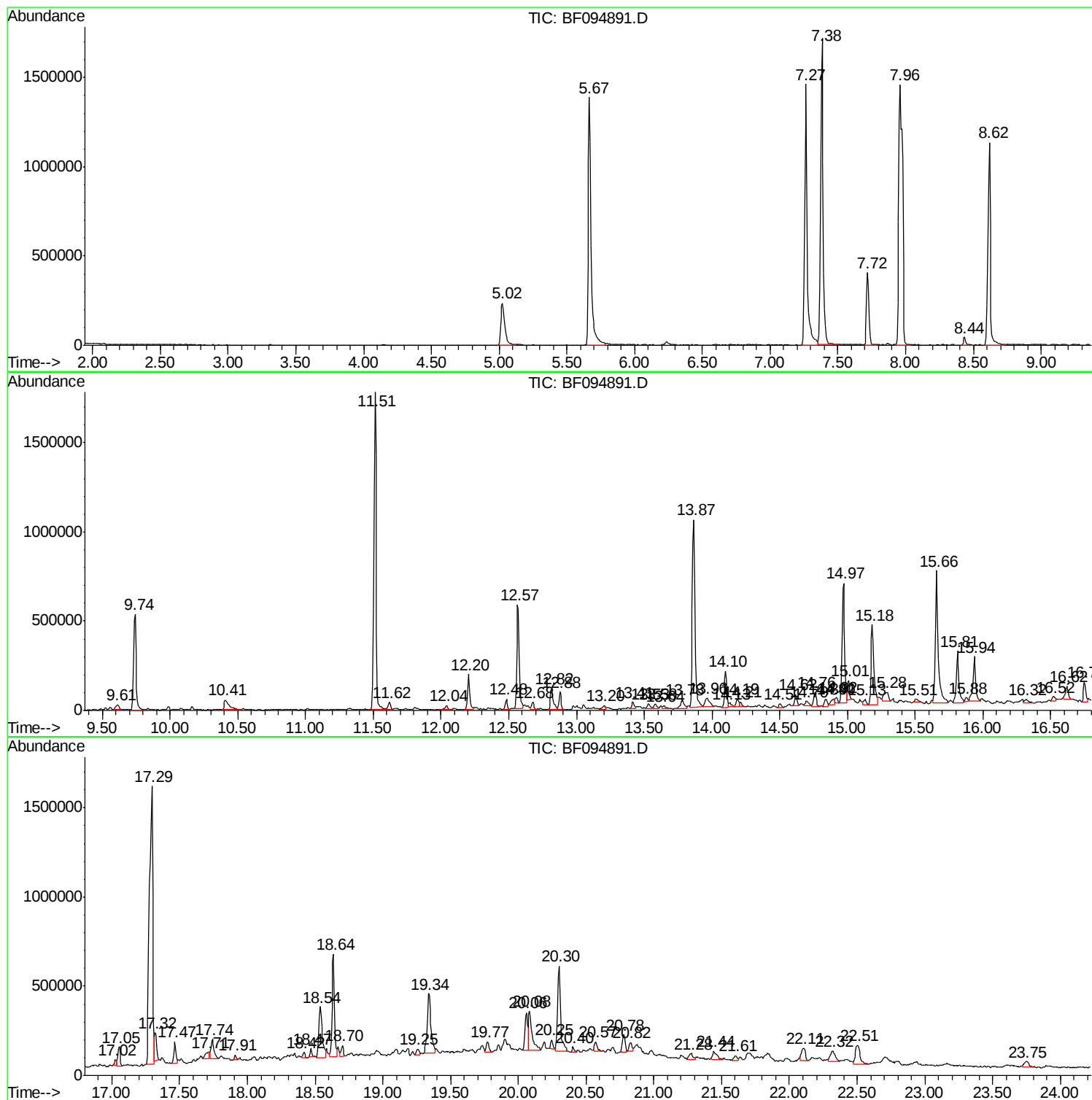
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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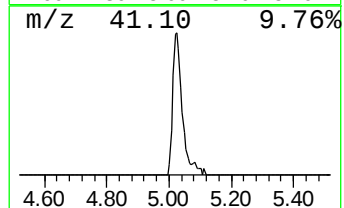
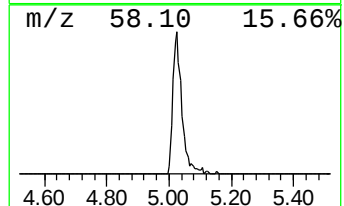
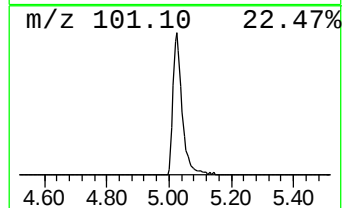
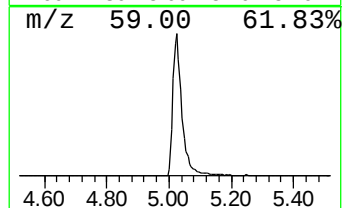
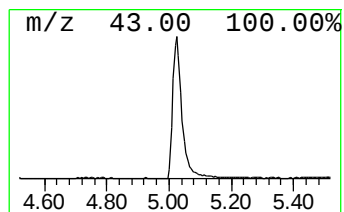
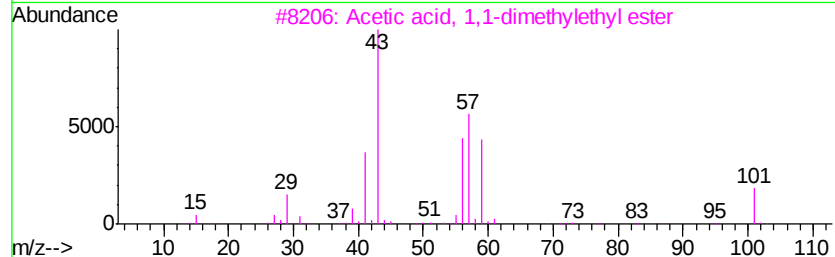
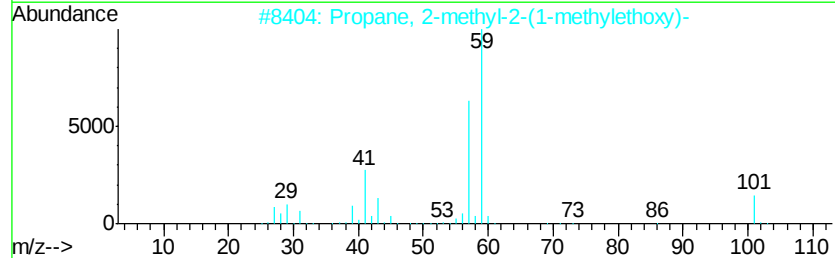
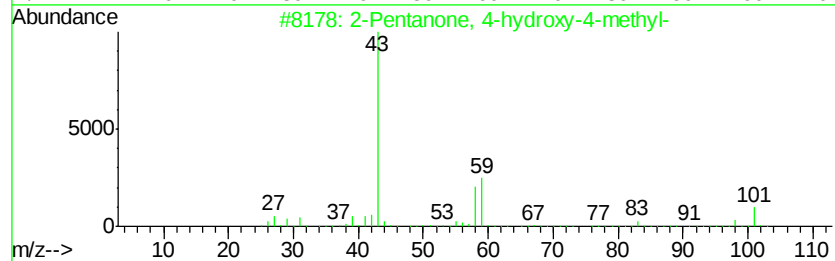
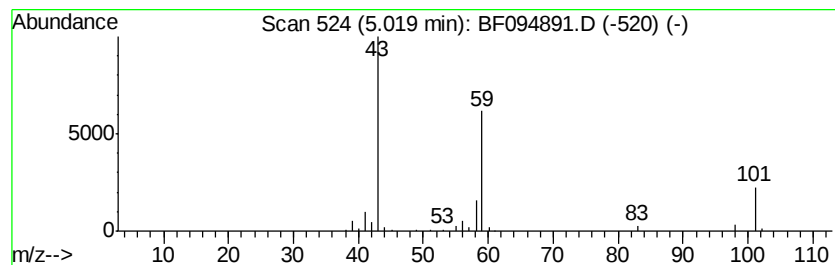
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	20.80 ng	481438	1,4-Dichlorobenzene-d4	7.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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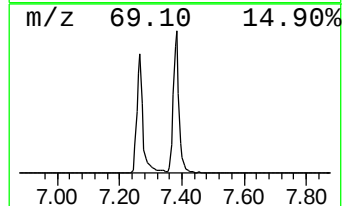
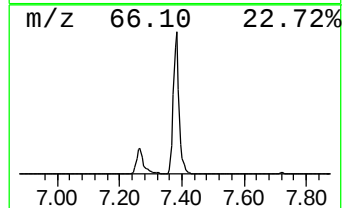
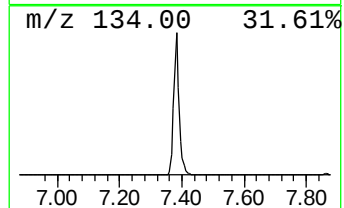
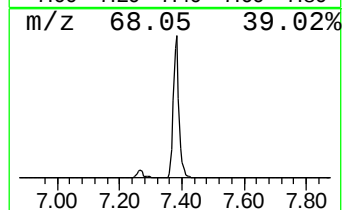
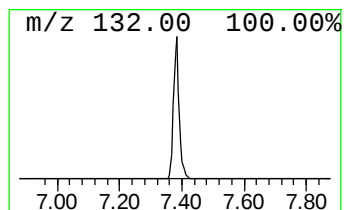
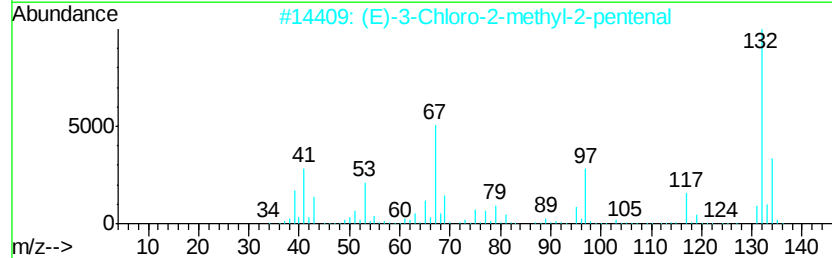
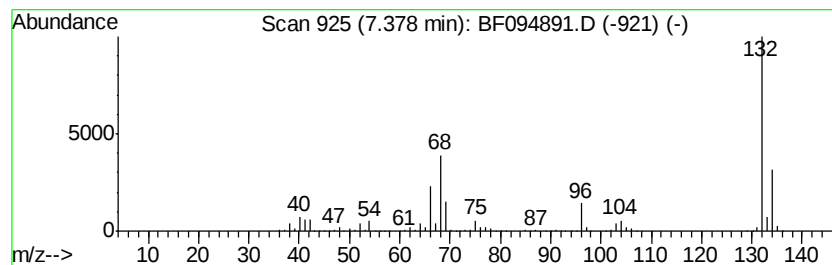
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.38 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	97.32 ng	2252480	1,4-Dichlorobenzene-d4	7.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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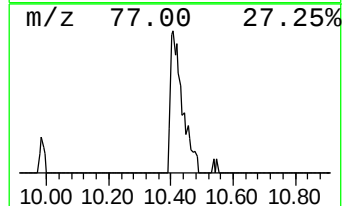
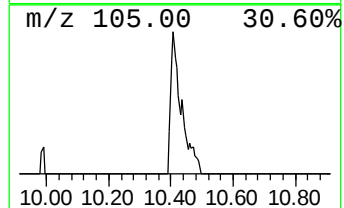
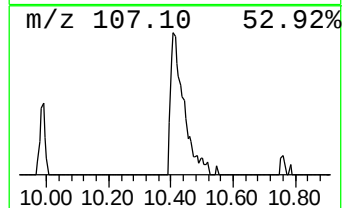
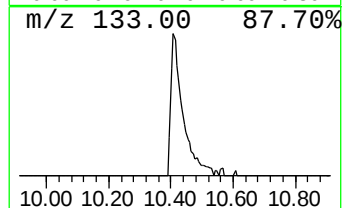
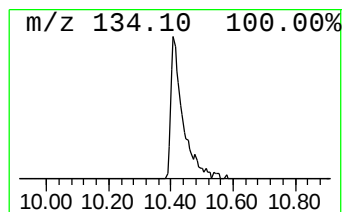
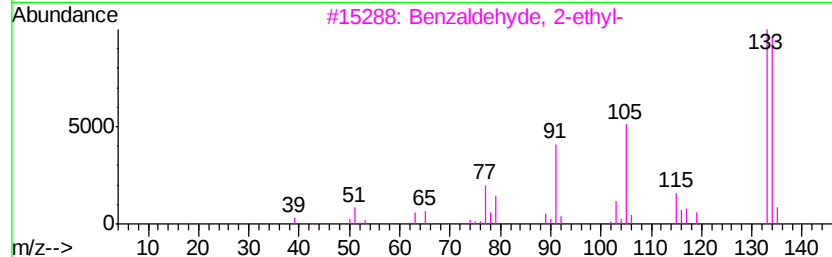
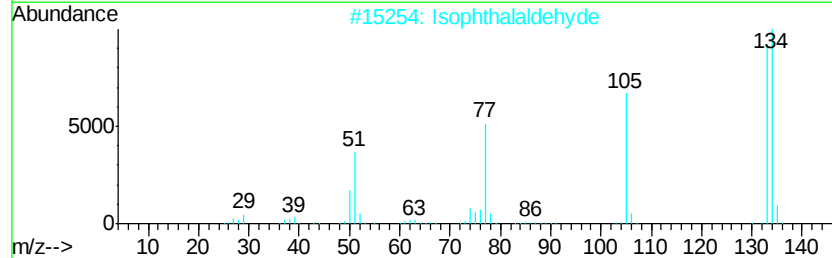
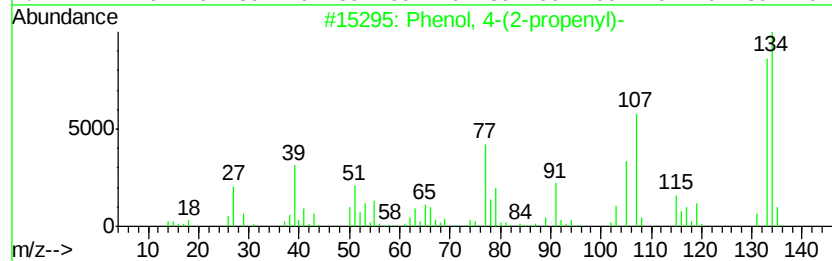
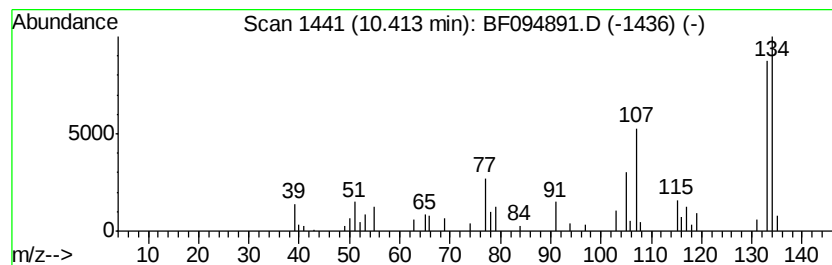
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenol, 4-(2-propenyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	4.41 ng	150120	Napthalene-d8	9.74
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Phenol, 4-(2-propenyl)-	134 C9H10O	000501-92-8 90
2		Isophthalaldehyde	134 C8H6O2	000626-19-7 72
3		Benzaldehyde, 2-ethyl-	134 C9H10O	022927-13-5 70
4		Benzaldehyde, 4-ethyl-	134 C9H10O	004748-78-1 68
5		Benzaldehyde, 2,4-dimethyl-	134 C9H10O	015764-16-6 64



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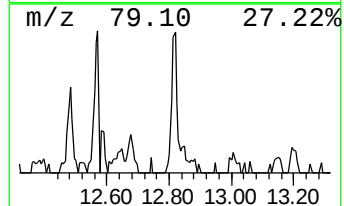
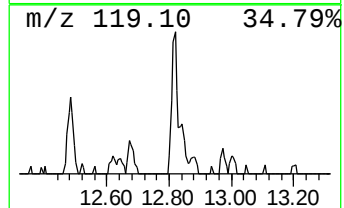
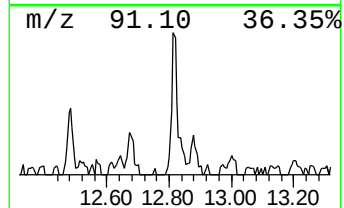
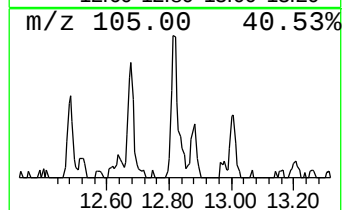
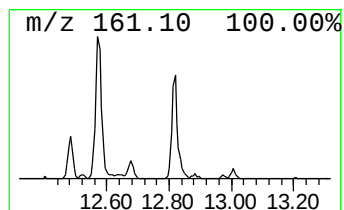
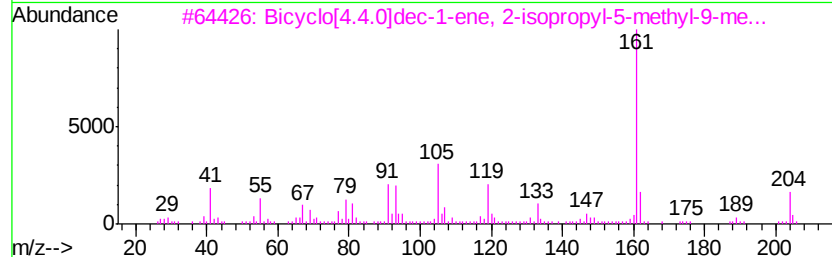
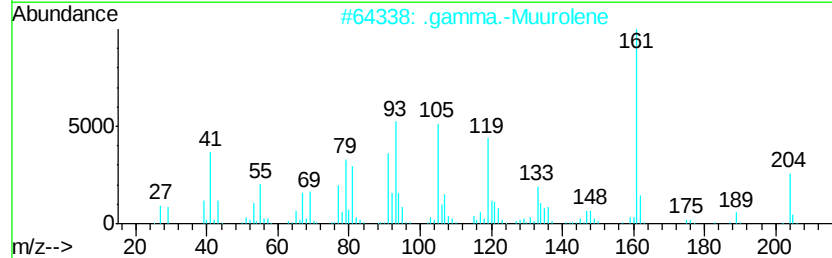
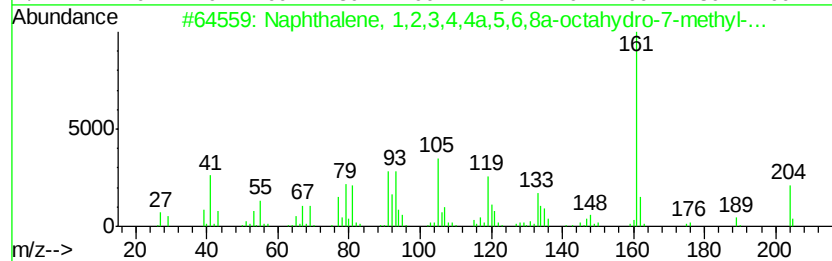
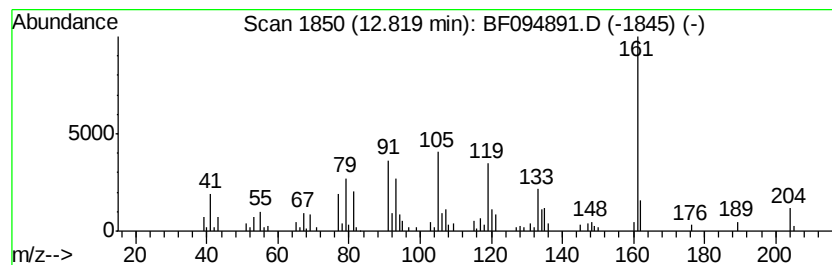
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ClientSampleId :
SB-03-COMP(0-2.5)

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 5 Naphthalene, 1,2,3,4,4a,5,6... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	4.55 ng	173891	Acenaphthene-d10	12.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204 C15H24	039029-41-9 95
2		.gamma.-Murolene	204 C15H24	030021-74-0 93
3		Bicyclo[4.4.0]dec-1-ene, 2-isopr...	204 C15H24	150320-52-8 91
4		1H-Cyclopenta[1,3]cyclopropa[1,2...	204 C15H24	013744-15-5 91
5		1H-Cyclopropa[a]naphthalene, 1a,...	204 C15H24	017334-55-3 90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094891.D
Acq On : 5 May 2017 00:23
Operator : SJ/MA
Sample : I2916-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP(0-2.5)

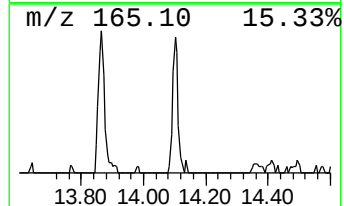
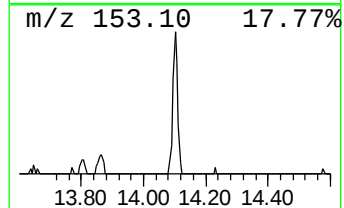
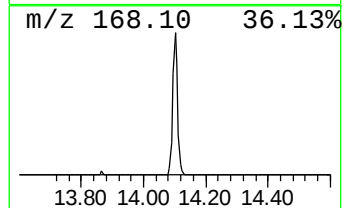
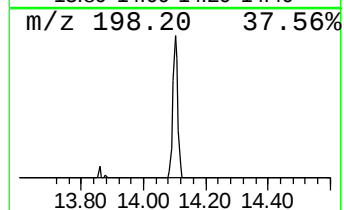
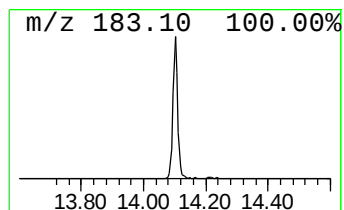
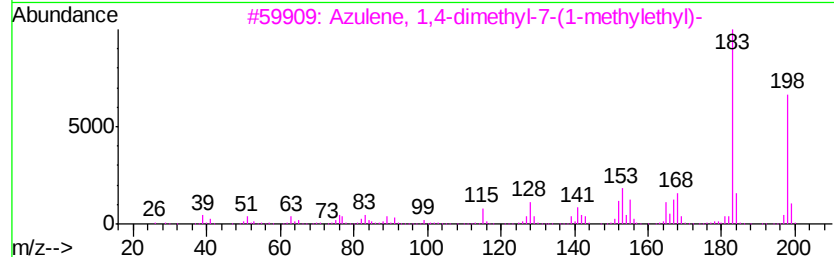
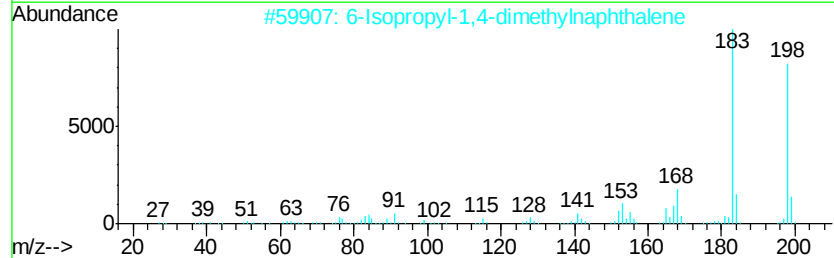
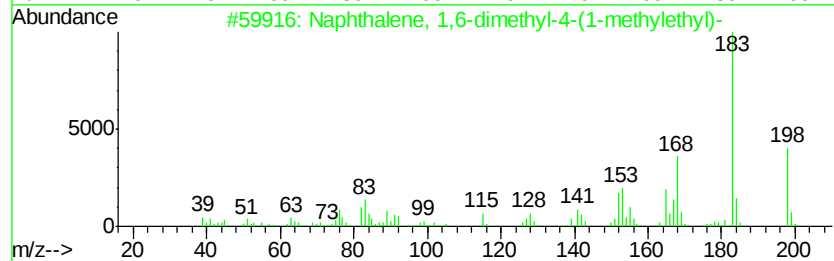
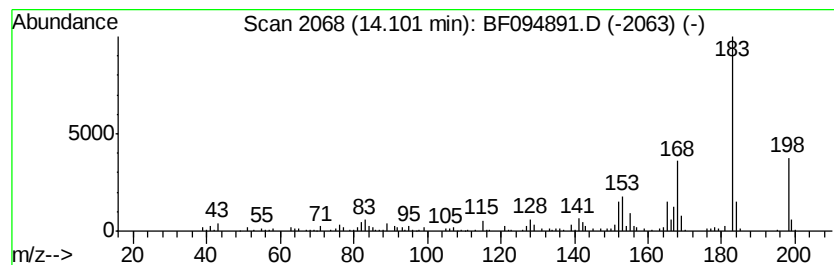
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,6-dimethyl-4... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	5.13 ng	241227	Phenanthrene-d10	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	96
2		6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	91
3		Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	87
4		Cyclopropane, 1,1,2,2-tetramethy...	198	C15H18	1000264-08-5	64
5		2-Biphenylamine, 3-methyl-	183	C13H13N	014294-33-8	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094891.D
Acq On : 5 May 2017 00:23
Operator : SJ/MA
Sample : I2916-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-03-COMP(0-2.5)

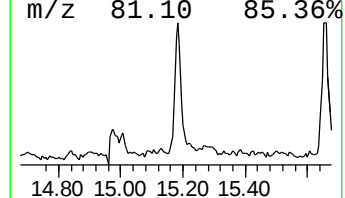
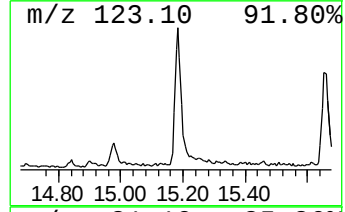
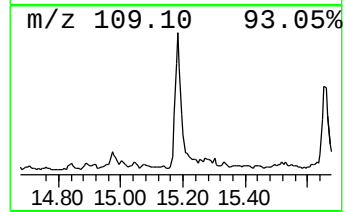
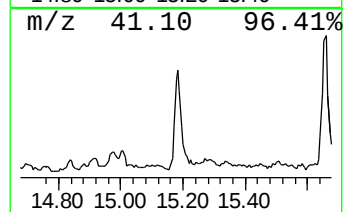
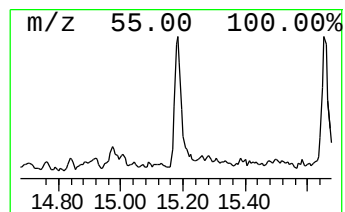
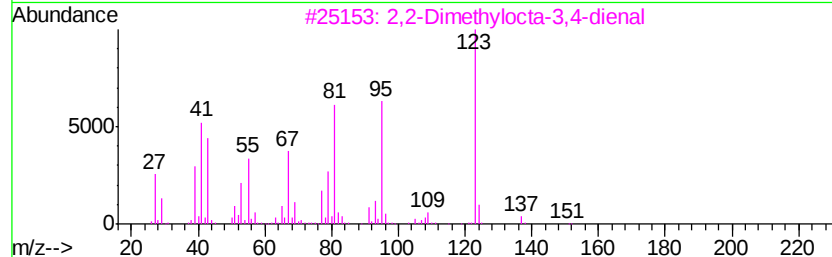
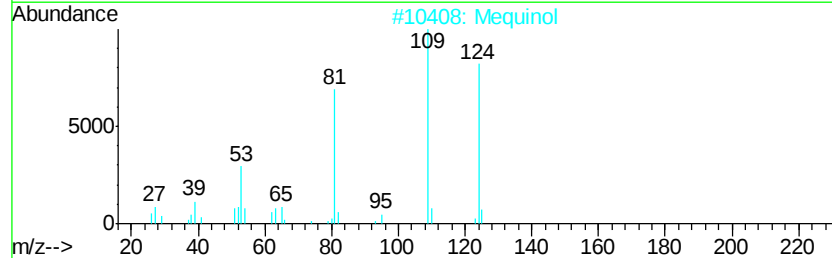
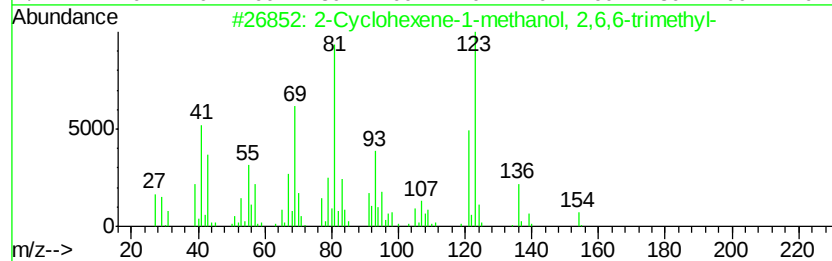
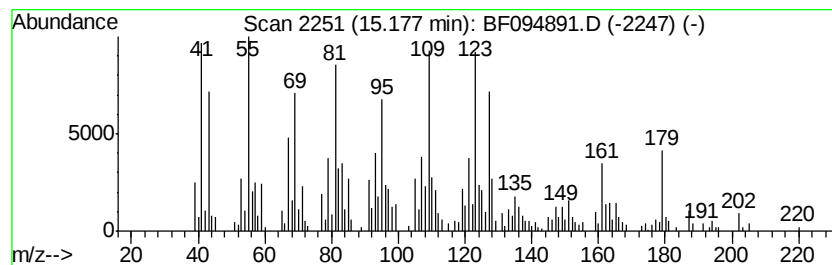
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown15.18 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	14.32 ng	673078	Phenanthrene-d10	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Cyclohexene-1-methanol, 2,6,6-...	154	C10H18O	006627-74-3	30
2		Mequinol	124	C7H8O2	000150-76-5	30
3		2,2-Dimethylocta-3,4-dienal	152	C10H16O	000590-71-6	27
4		Ethanone, 1-(3-methylenecyclopent...	124	C8H12O	054829-98-0	27
5		Zinc, bis(2,2-dimethyl-3(cis)-(1...	310	C18H30Zn	081069-88-7	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094891.D
Acq On : 5 May 2017 00:23
Operator : SJ/MA
Sample : I2916-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-03-COMP(0-2.5)

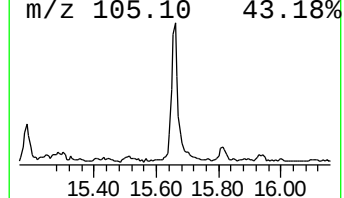
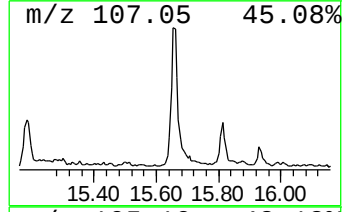
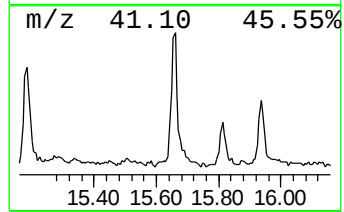
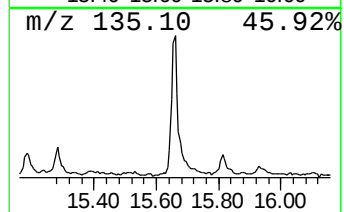
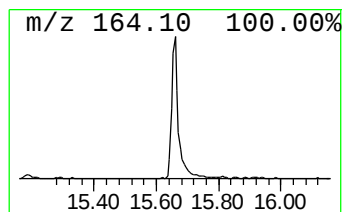
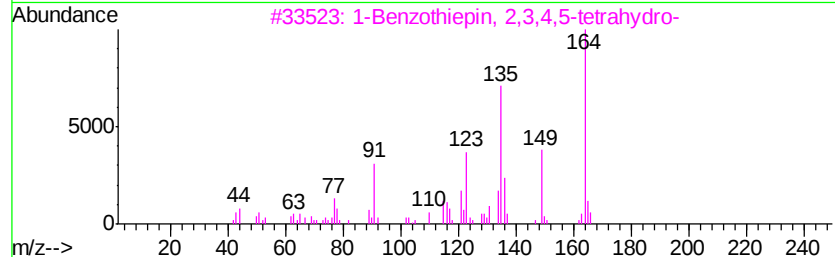
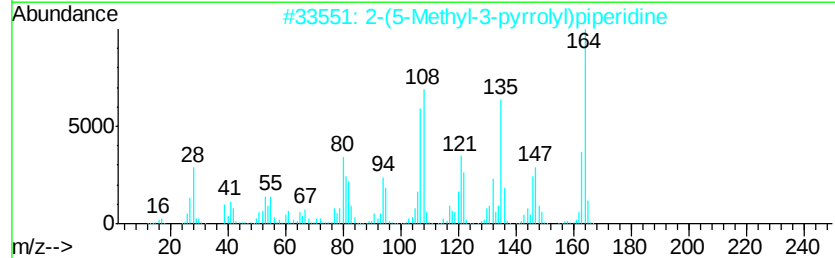
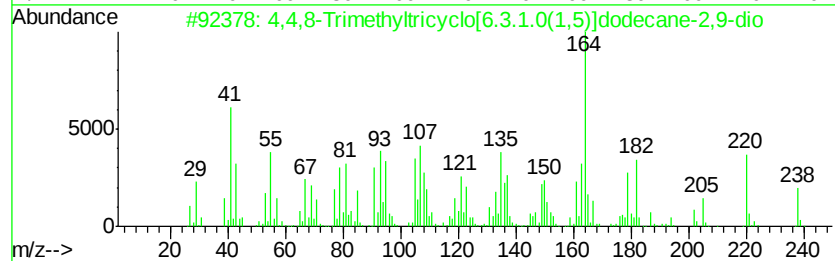
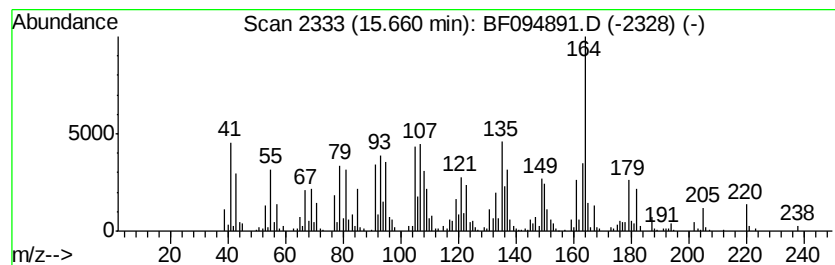
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4,4,8-Trimethyltricyclo[6.3.1.0... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	24.66 ng	1159270	Phenanthrene-d10	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,4,8-Trimethyltricyclo[6.3.1.0(...	238	C15H26O2	1000191-00-6	90
2		2-(5-Methyl-3-pyrrolyl)piperidine	164	C10H16N2	1000245-18-2	43
3		1-Benzothiepin, 2,3,4,5-tetrahydro-	164	C10H12S	004370-78-9	38
4		1(3H)-Isobenzofuranone, 6-hydras...	164	C8H8N2O2	1000362-60-8	38
5		5-Methoxy-2-allylphenol	164	C10H12O2	1000306-52-6	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094891.D
Acq On : 5 May 2017 00:23
Operator : SJ/MA
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-03-COMP(0-2.5)

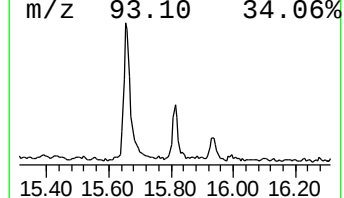
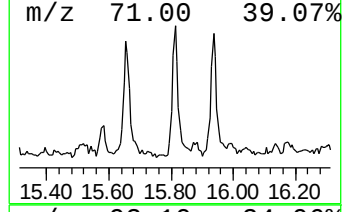
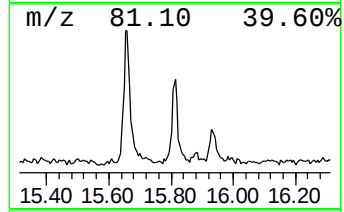
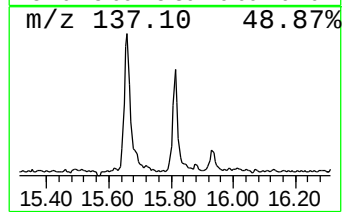
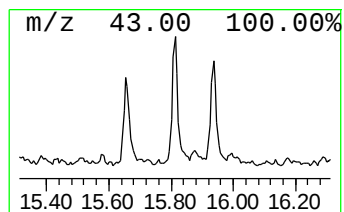
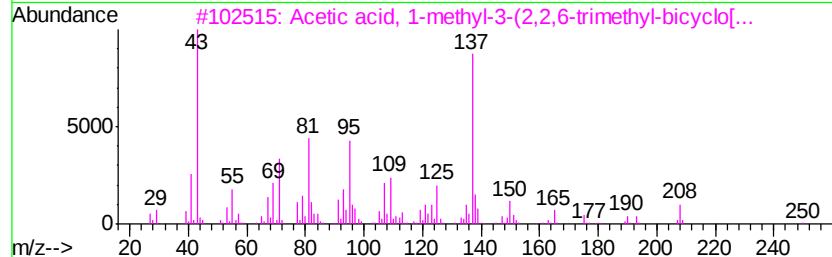
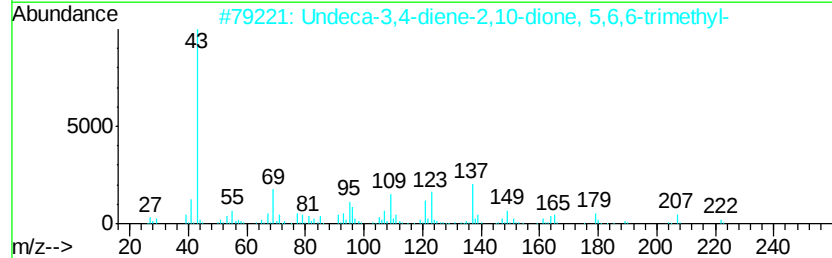
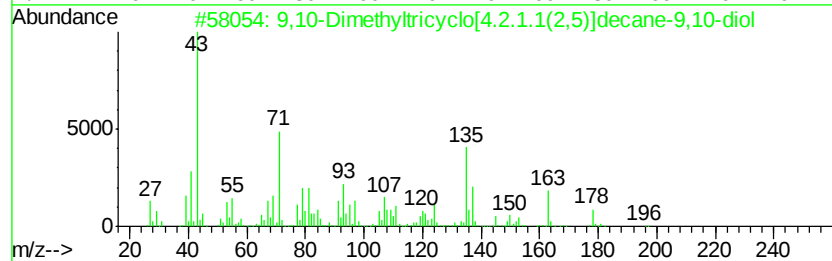
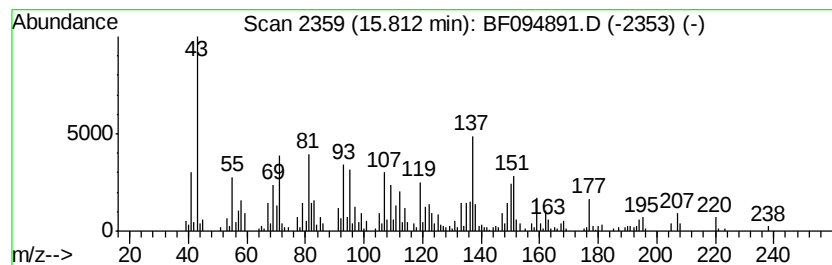
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown15.81 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	8.80 ng	413919	Phenanthrene-d10	14.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethyltricyclo[4.2.1.1(2,...	196	C12H20O2	174226-40-5	27		
2	Undeca-3,4-diene-2,10-dione, 5,6...	222	C14H22O2	090165-10-9	22		
3	Acetic acid, 1-methyl-3-(2,2,6-t...	250	C16H26O2	1000192-25-5	12		
4	Pentadecane, 1-bromo-	290	C15H31Br	000629-72-1	12		
5	7-Oxabicyclo[4.1.0]heptane, 1,5-...	126	C8H14O	162239-52-3	11		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094891.D
Acq On : 5 May 2017 00:23
Operator : SJ/MA
Sample : I2916-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-03-COMP(0-2.5)

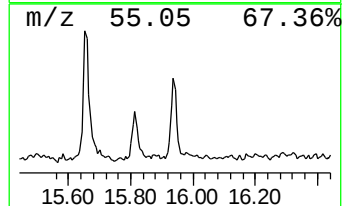
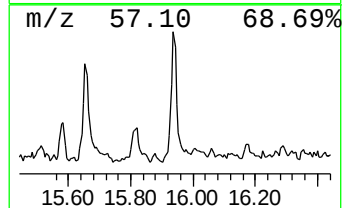
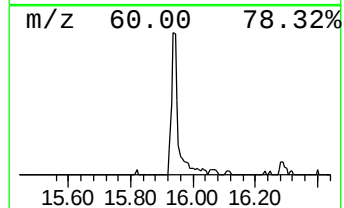
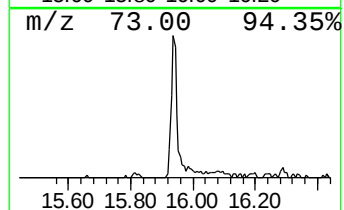
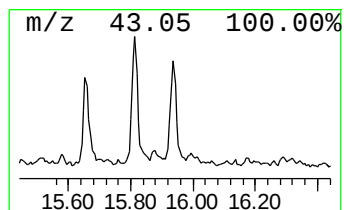
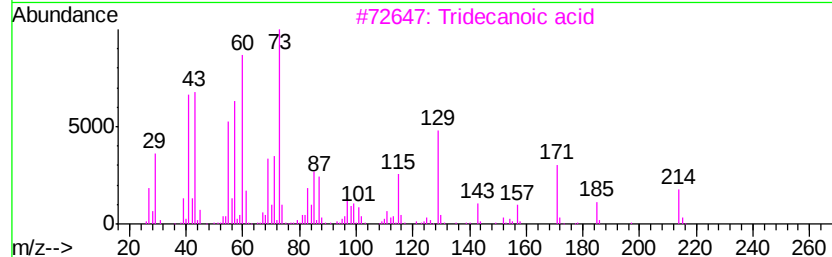
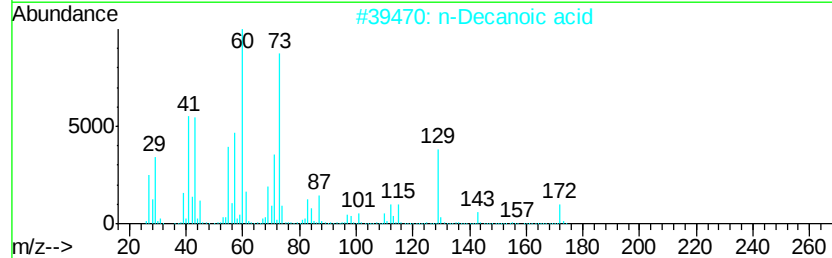
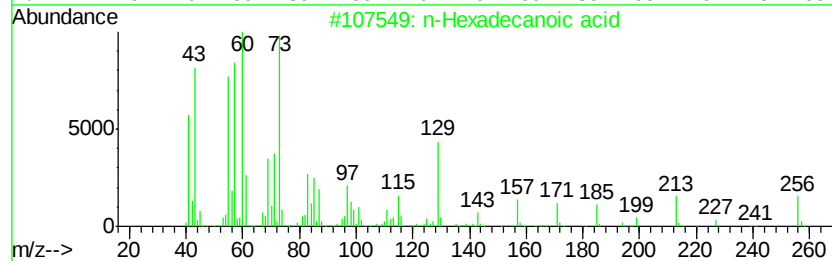
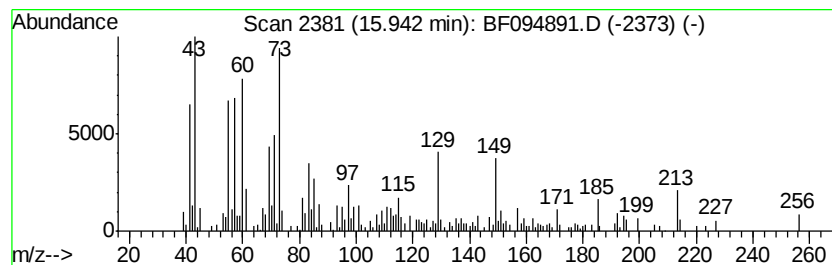
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	7.93 ng	372940	Phenanthrene-d10	14.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2			n-Decanoic acid	172	C10H20O2	000334-48-5	50
3			Tridecanoic acid	214	C13H26O2	000638-53-9	50
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	49
5			Oxalic acid, cyclobutyl octadecy...	396	C24H44O4	1000309-70-8	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
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Acq On : 5 May 2017 00:23
Operator : SJ/MA
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ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
SB-03-COMP(0-2.5)

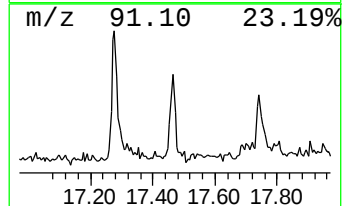
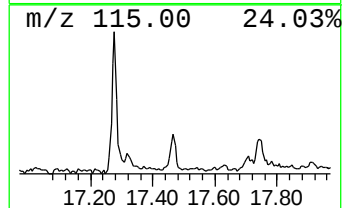
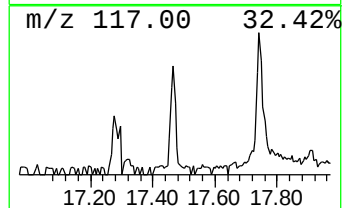
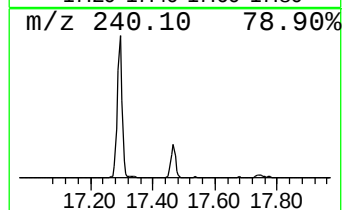
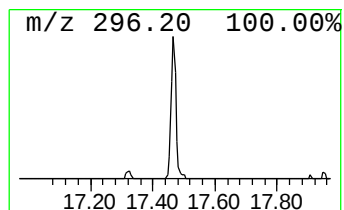
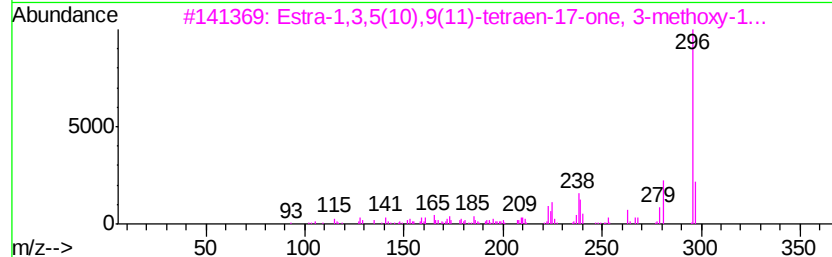
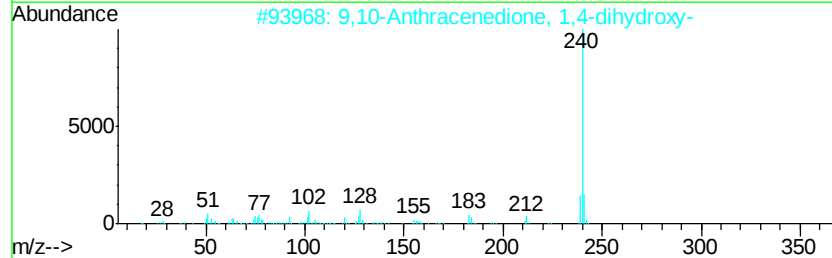
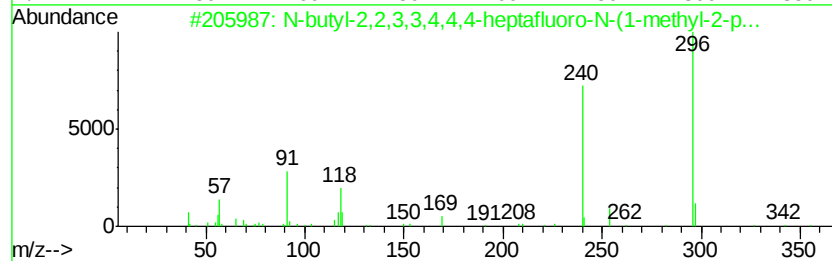
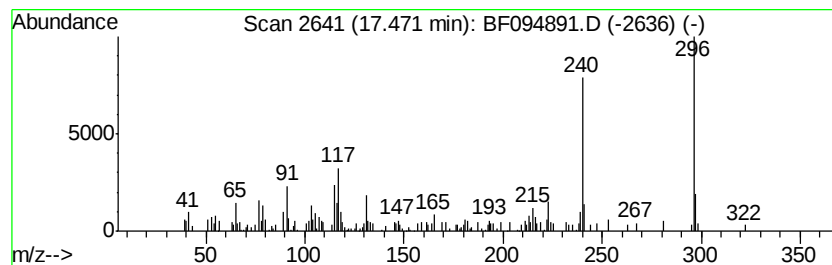
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 N-butyl-2,2,3,3,4,4,4-hepta... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.47	3.85 ng	138441	Chrysene-d12	18.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			N-butyl-2,2,3,3,4,4,4-heptafluor...	387	C17H20F7NO	1000365-85-0	50
2			9,10-Anthracenedione, 1,4-dihydr...	240	C14H8O4	000081-64-1	30
3			Estra-1,3,5(10),9(11)-tetraen-17...	296	C20H24O2	069796-63-0	27
4			Naphtho[2,1-b]furan-4-ol, 1,2-di...	240	C16H16O2	068873-20-1	25
5			Benzene, 1,3-dimethoxy-4-[(1E)-2...	240	C16H16O2	1000368-46-0	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094891.D
Acq On : 5 May 2017 00:23
Operator : SJ/MA
Sample : I2916-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP(0-2.5)

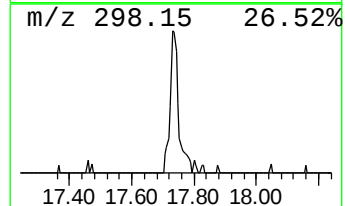
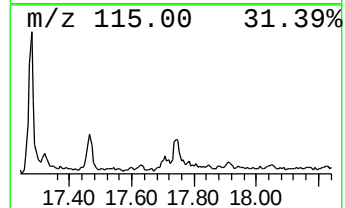
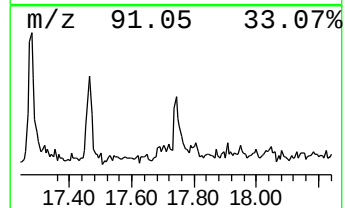
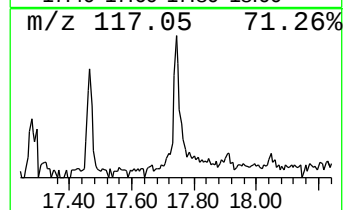
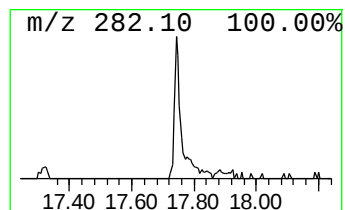
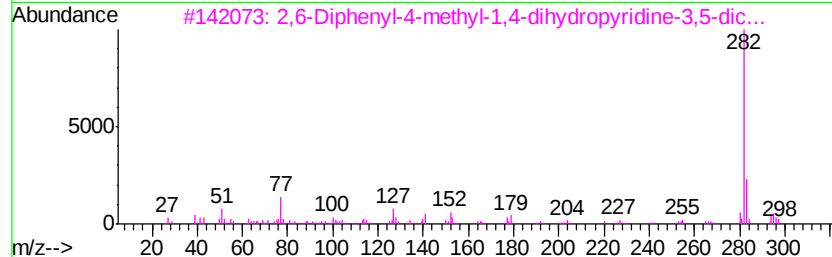
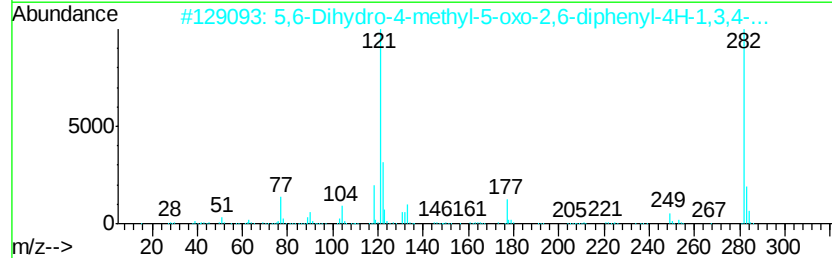
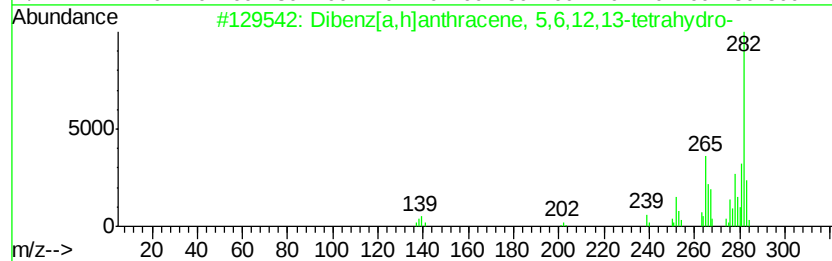
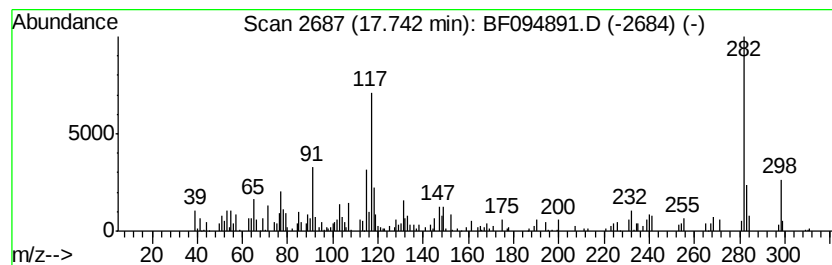
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dibenz[a,h]anthracene, 5,6,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	4.66 ng	167466	Chrysene-d12	18.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenz[a,h]anthracene, 5,6,12,13...	282	C22H18	000153-31-1	53
2			5,6-Dihydro-4-methyl-5-oxo-2,6-d...	282	C16H14N2OS	026734-74-7	46
3			2,6-Diphenyl-4-methyl-1,4-dihydr...	297	C20H15N3	015521-04-7	43
4			2-Methyl-6-phenylpyrazolo[3,4-d]...	282	C14H10N4OS	1000105-31-2	43
5			1,1'-Binaphthalene, 2,2'-dimethyl-	282	C22H18	032834-84-7	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
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Acq On : 5 May 2017 00:23
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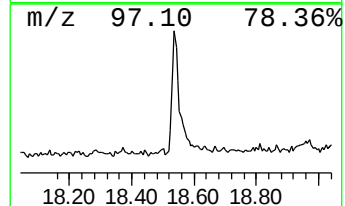
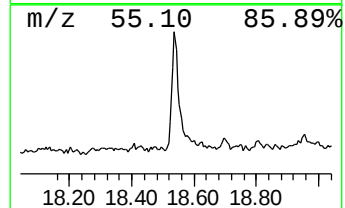
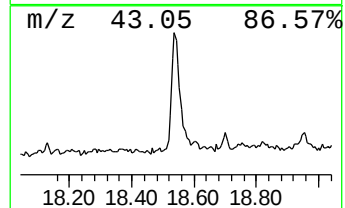
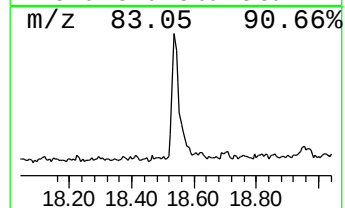
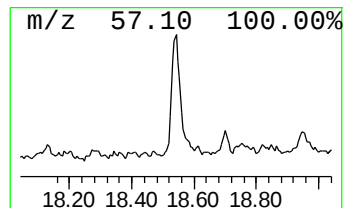
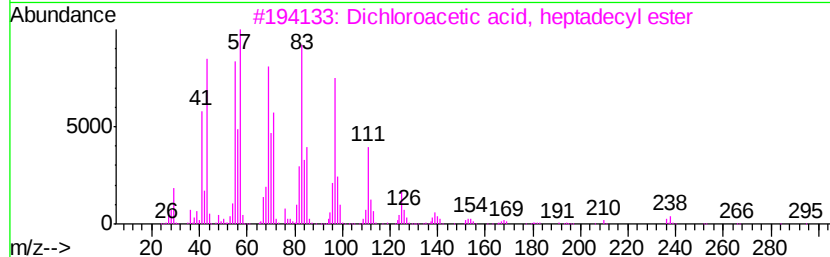
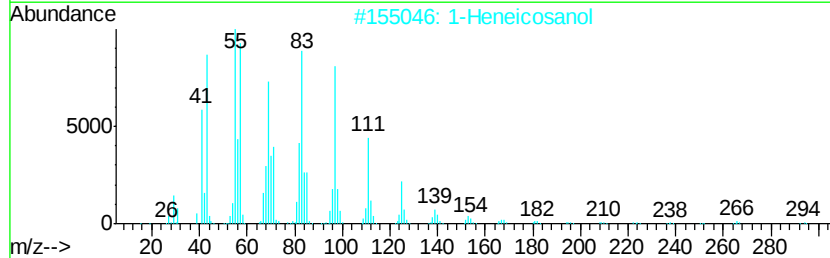
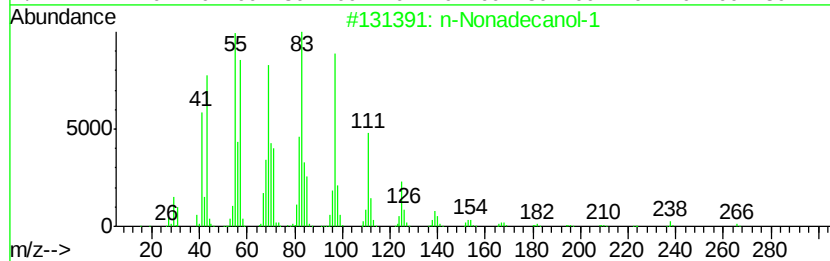
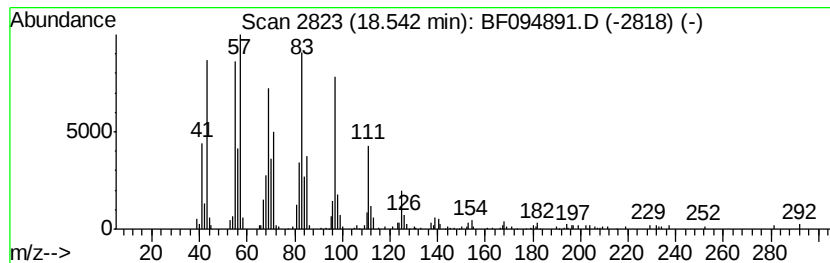
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 n-Nonadecanol-1 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.54	13.62 ng	489452	Chrysene-d12	18.64		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1		284	C19H40O	001454-84-8	93
2	1-Heneicosanol		312	C21H44O	015594-90-8	93
3	Dichloroacetic acid, heptadecyl ...		366	C19H36Cl2O2	1000282-98-2	91
4	Heptafluorobutyric acid, n-tetra...		410	C18H29F7O2	007365-36-8	91
5	1-Heptacosanol		396	C27H56O	002004-39-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094891.D
Acq On : 5 May 2017 00:23
Operator : SJ/MA
Sample : I2916-01
Misc :
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ClientSampleId :
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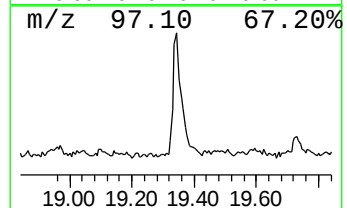
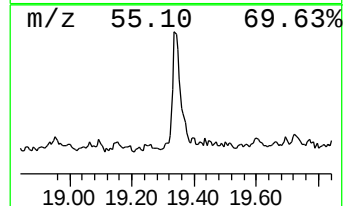
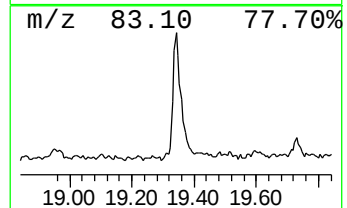
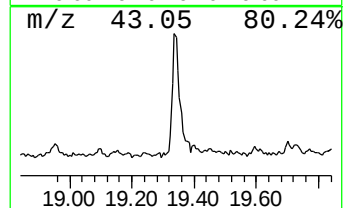
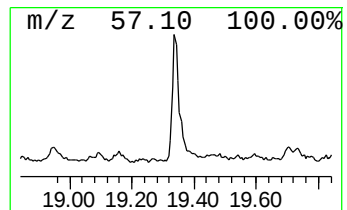
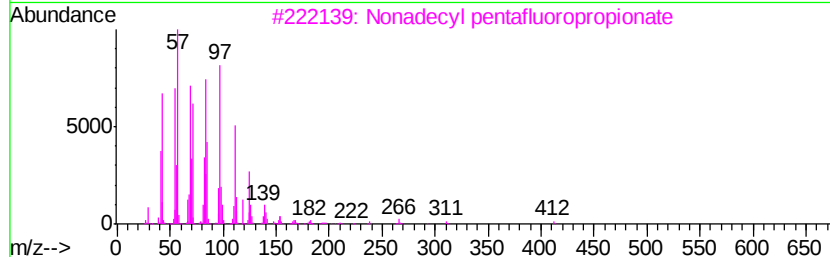
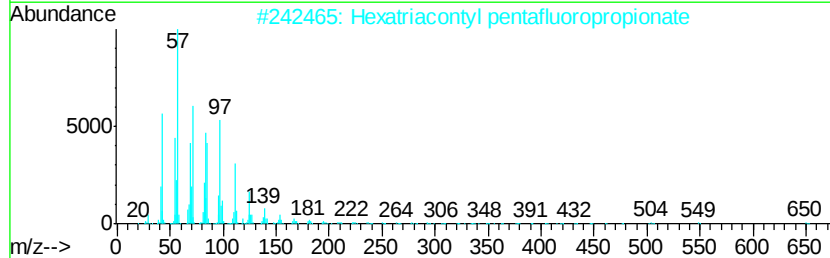
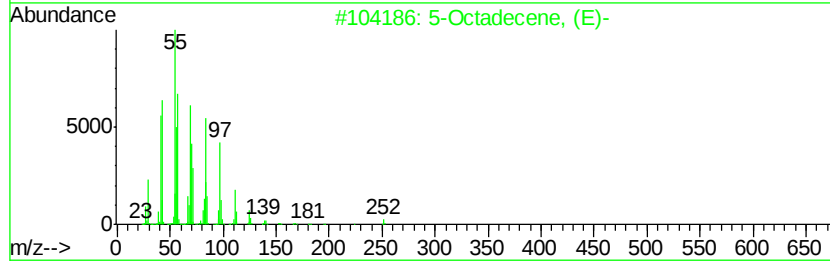
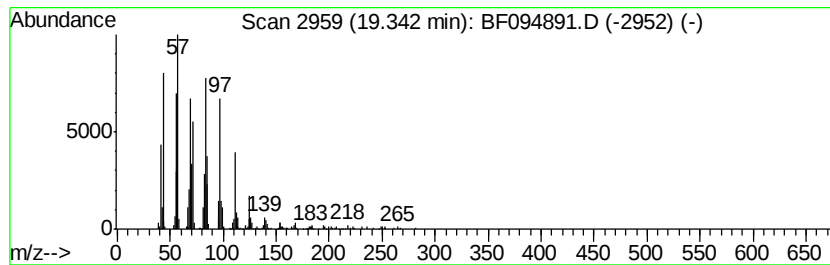
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 5-Octadecene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	17.21 ng	618118	Chrysene-d12	18.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
2		Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	91
3		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	90
5		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094891.D
Acq On : 5 May 2017 00:23
Operator : SJ/MA
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-03-COMP(0-2.5)

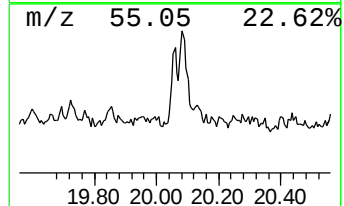
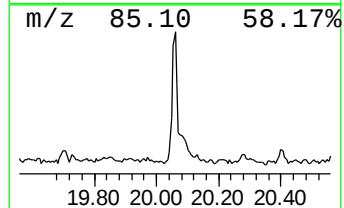
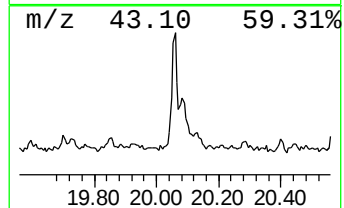
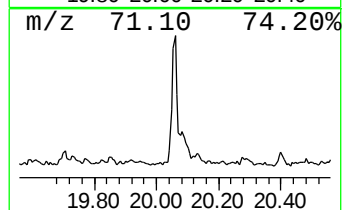
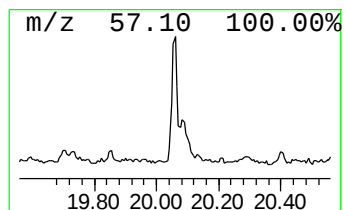
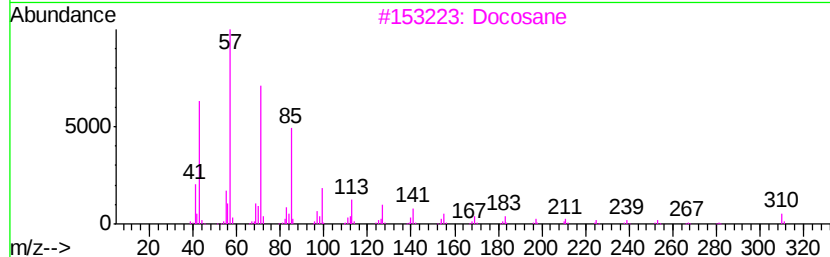
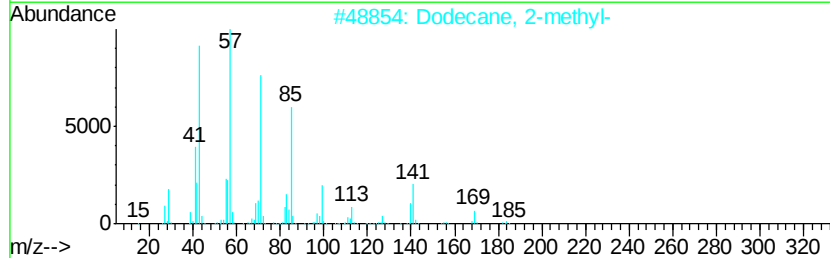
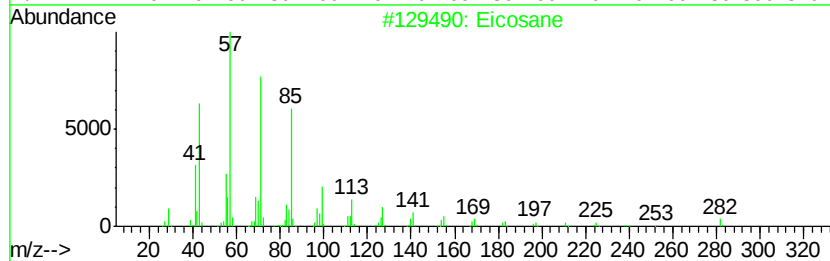
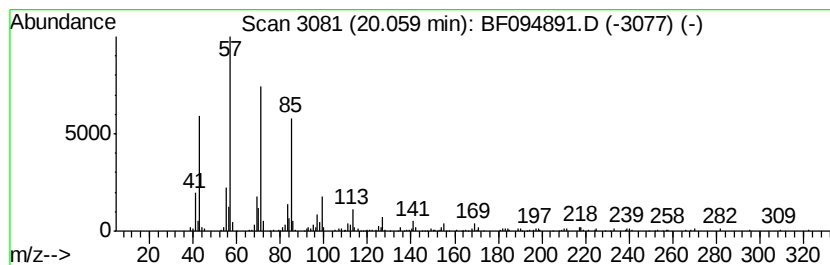
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	7.99 ng	271672	Perylene-d12	20.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	93
3		Docosane	310	C22H46	000629-97-0	91
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	90
5		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
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Acq On : 5 May 2017 00:23
Operator : SJ/MA
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-03-COMP(0-2.5)

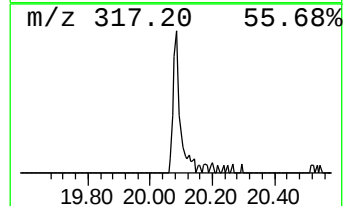
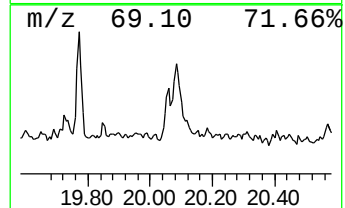
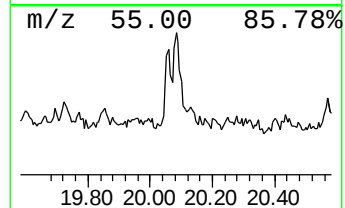
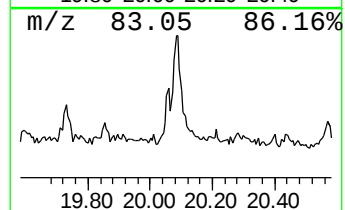
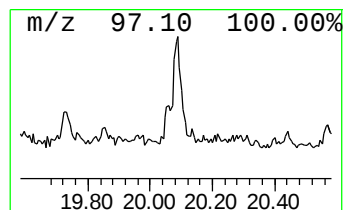
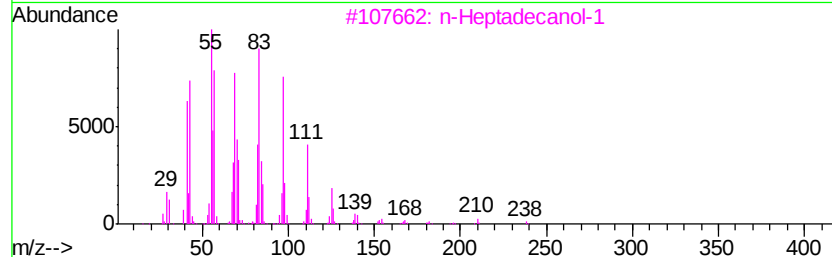
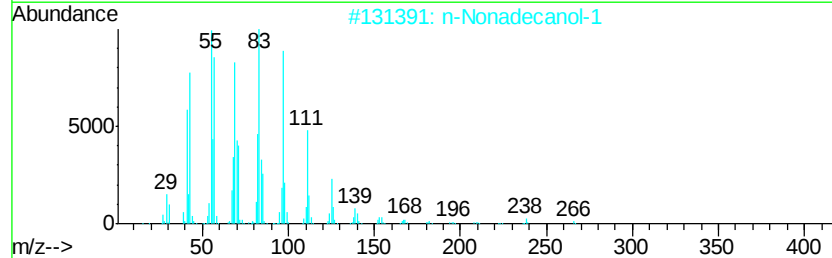
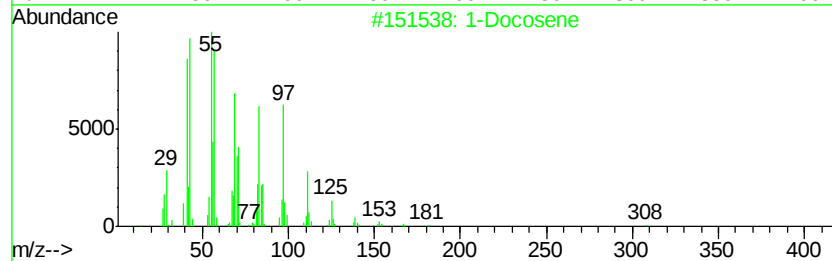
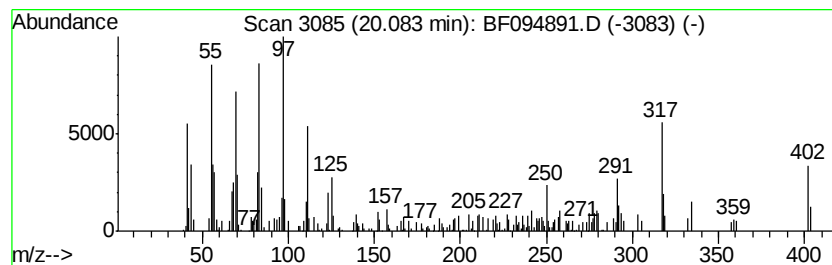
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown20.08 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.08	11.20 ng	380560	Perylene-d12	20.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	43
2		n-Nonadecanol-1	284	C19H40O	001454-84-8	38
3		n-Heptadecanol-1	256	C17H36O	001454-85-9	30
4		Cyclotetradecane	196	C14H28	000295-17-0	25
5		Triallylmethylsilane	166	C10H18Si	001112-91-0	25



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Operator : SJ/MA
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ClientSampleId :
SB-03-COMP(0-2.5)

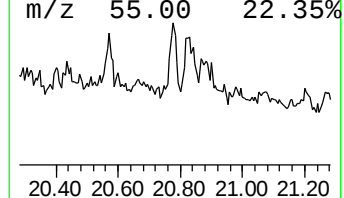
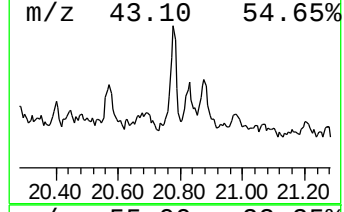
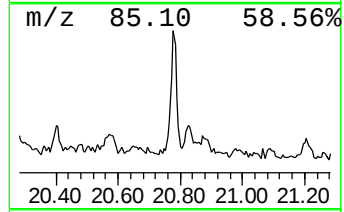
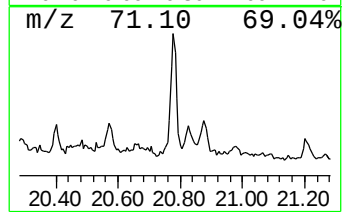
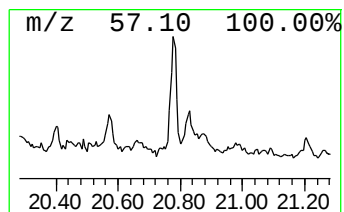
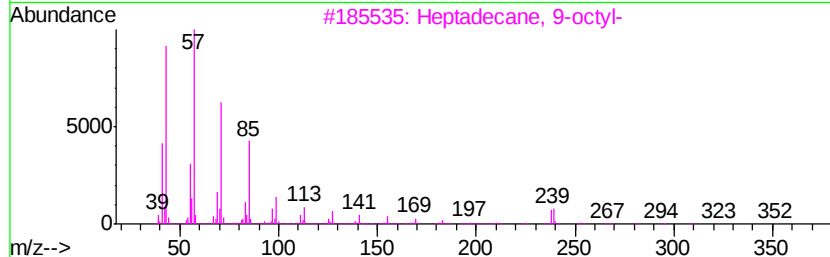
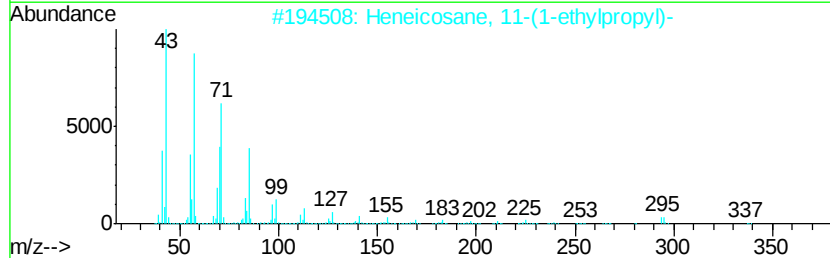
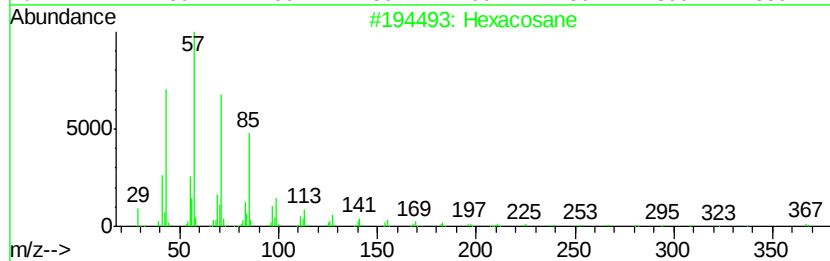
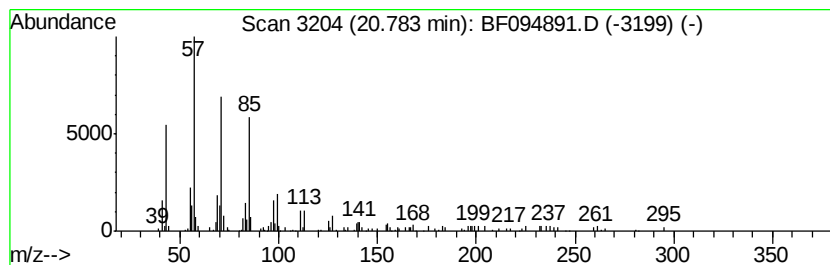
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.78	3.85 ng	130858	Perylene-d12	20.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4			Heneicosane	296	C21H44	000629-94-7	90
5			Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
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Acq On : 5 May 2017 00:23
Operator : SJ/MA
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ALS Vial : 19 Sample Multiplier: 1

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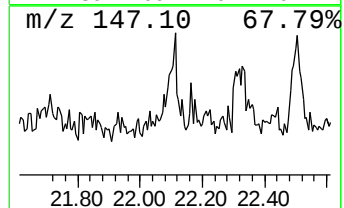
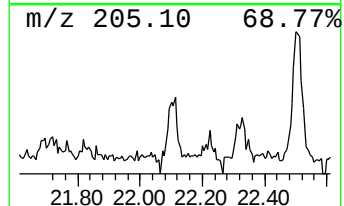
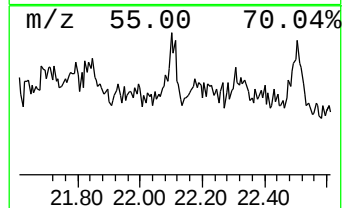
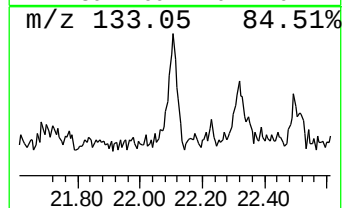
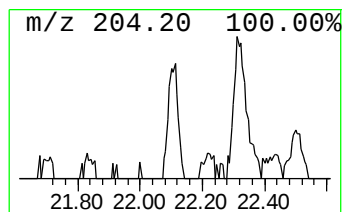
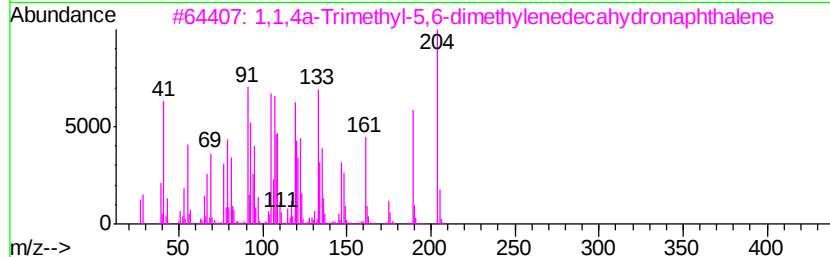
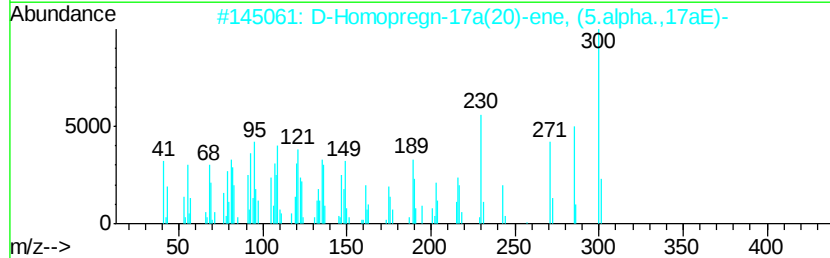
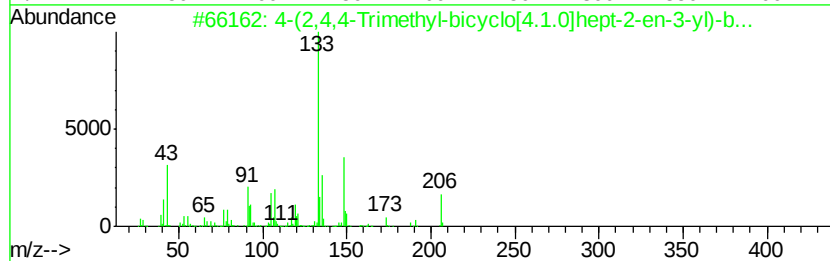
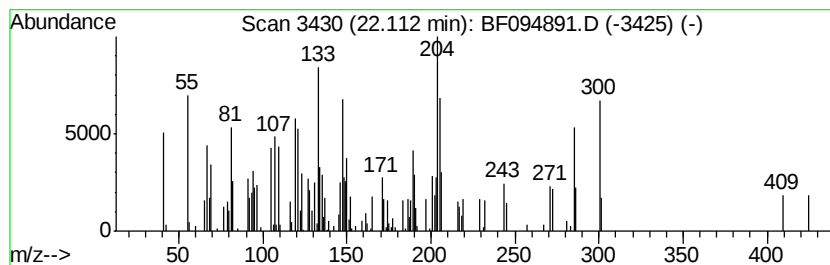
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown22.11 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.11	3.60 ng	122182	Perylene-d12	20.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-(2,4,4-Trimethyl-bicyclo[4.1.0...	206	C14H22O	1000194-96-6	35
2		D-Homopregn-17a(20)-ene, (5.alpha...	300	C22H36	054482-44-9	25
3		1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	22
4		1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	20
5		Coumarin, 3,4-dihydro-4,4,6,8-te...	204	C13H16O2	249629-60-5	15



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094891.D
Acq On : 5 May 2017 00:23
Operator : SJ/MA
Sample : I2916-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

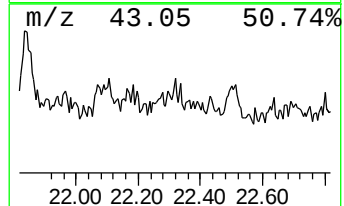
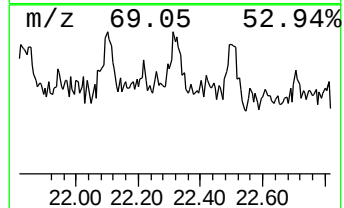
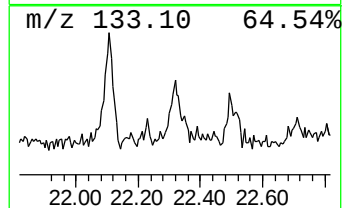
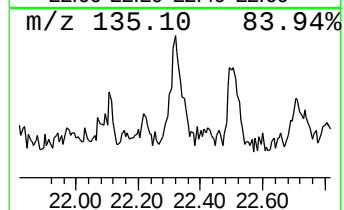
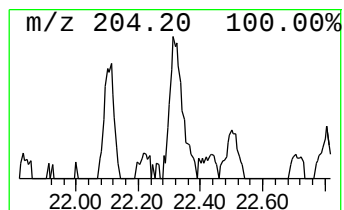
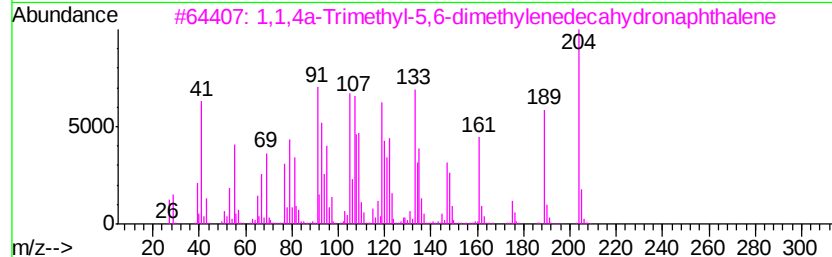
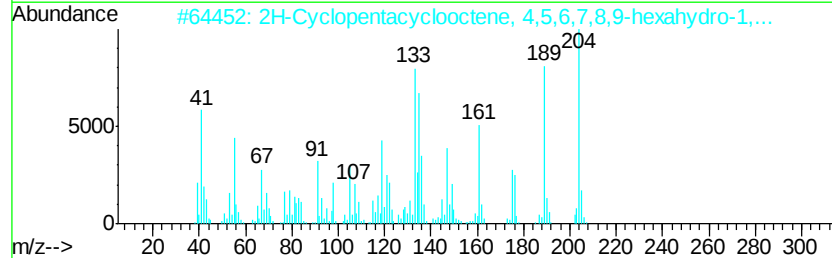
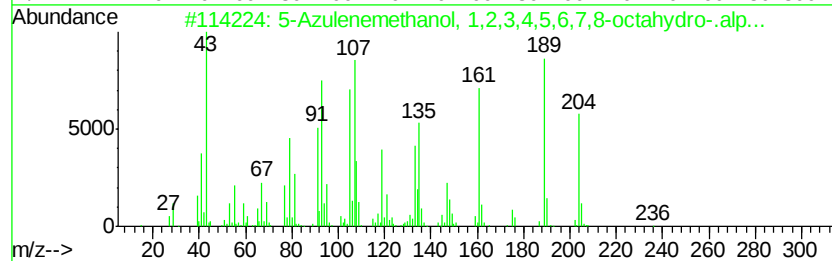
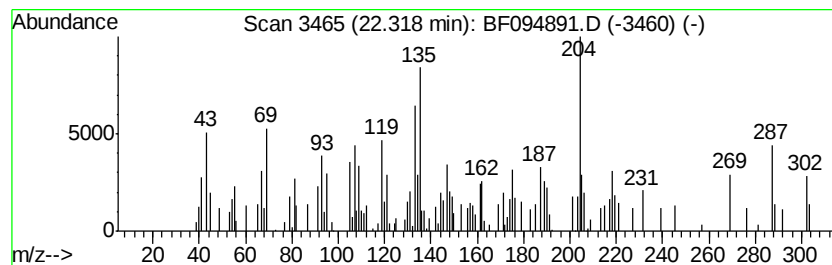
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP(0-2.5)

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 19 unknown23.32 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.		
22.32	4.30 ng	146181	Perylene-d12	20.30		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Azulenemethanol,	1,2,3,4,5,6,7...	264	C17H28O2	000134-28-1	47
2	2H-Cyclopentacyclooctene,	4,5,6,...	204	C15H24	1000221-85-8	46
3	1,1,4a-Trimethyl-5,6-dimethylene...		204	C15H24	1000193-60-8	46
4	Boron, 1,5-cyclooctanediyl(2,4-p...		218	C13H23BN2	136704-99-9	45
5	1H-Cycloprop[e]azulene,	1a,2,3,4...	204	C15H24	000489-40-7	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094891.D
Acq On : 5 May 2017 00:23
Operator : SJ/MA
Sample : I2916-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

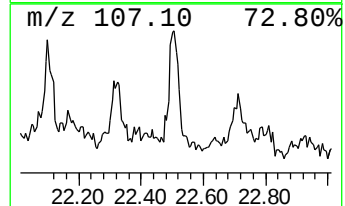
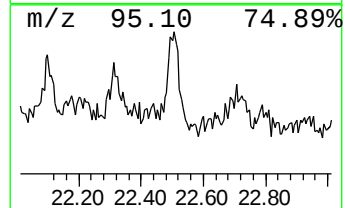
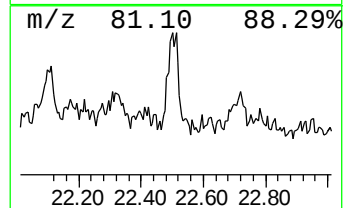
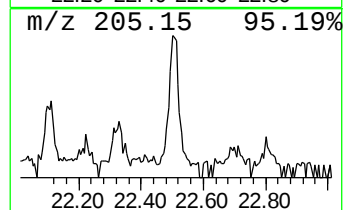
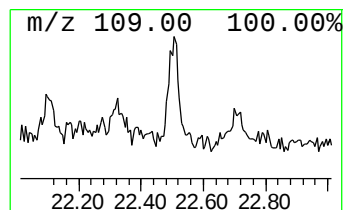
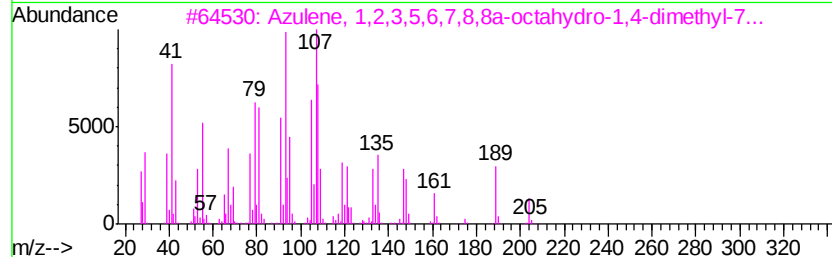
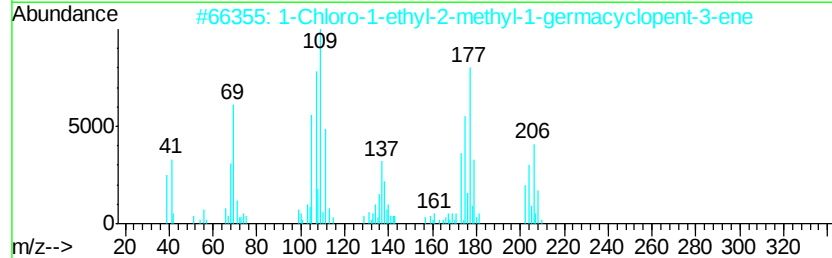
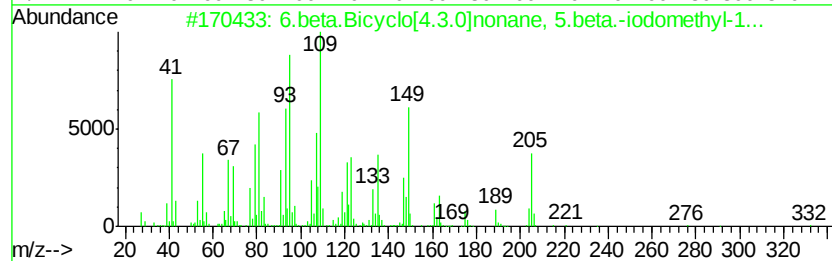
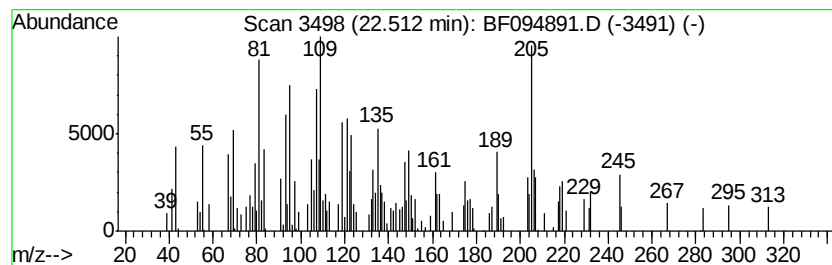
Instrument :
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ClientSampleId :
SB-03-COMP(0-2.5)

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 unknown22.51 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
22.51	7.48 ng	254215	Perylene-d12	20.30		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6	beta.Bicyclo[4.3.0]nonane, 5.b...	332	C15H25I	1000195-85-9	38
2	1	Chloro-1-ethyl-2-methyl-1-germ...	206	C7H13ClGe	026311-85-3	25
3	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	20	
4	1-Isopropenyl-3-propenylcyclop...	150	C11H18	1000192-81-2	15	
5	2-Cyclohexen-1-ol, 2-methyl-5-(1...	152	C10H16O	001197-06-4	11	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
 Data File : BF094891.D
 Acq On : 5 May 2017 00:23
 Operator : SJ/MA
 Sample : I2916-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP(0-2.5)

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
2-Pentanone, 4-hy...	5.02	20.8	ng	481438	1	7.72	462906	20.0
unknown7.38	7.38	97.3	ng	2252480	1	7.72	462906	20.0
Phenol, 4-(2-prop...	10.41	4.4	ng	150120	2	9.74	680389	20.0
Naphthalene, 1,2,...	12.82	4.5	ng	173891	3	12.57	763538	20.0
Naphthalene, 1,6-...	14.10	5.1	ng	241227	4	14.97	940199	20.0
unknown15.18	15.18	14.3	ng	673078	4	14.97	940199	20.0
4,4,8-Trimethyltr...	15.66	24.7	ng	1159270	4	14.97	940199	20.0
unknown15.81	15.81	8.8	ng	413919	4	14.97	940199	20.0
n-Hexadecanoic acid	15.94	7.9	ng	372940	4	14.97	940199	20.0
N-butyl-2,2,3,3,4...	17.47	3.9	ng	138441	5	18.64	718524	20.0
Dibenz[a,h]anthra...	17.74	4.7	ng	167466	5	18.64	718524	20.0
n-Nonadecanol-1	18.54	13.6	ng	489452	5	18.64	718524	20.0
5-Octadecene, (E)-	19.34	17.2	ng	618118	5	18.64	718524	20.0
Eicosane	20.06	8.0	ng	271672	6	20.30	679614	20.0
unknown20.08	20.08	11.2	ng	380560	6	20.30	679614	20.0
Hexacosane	20.78	3.9	ng	130858	6	20.30	679614	20.0
unknown22.11	22.11	3.6	ng	122182	6	20.30	679614	20.0
unknown23.32	22.32	4.3	ng	146181	6	20.30	679614	20.0
unknown22.51	22.51	7.5	ng	254215	6	20.30	679614	20.0