

Data Path : Z:\HPCHEM1\BNA F\Data\BF042417\
 Data File : BF094580.D
 Acq On : 24 Apr 2017 12:54
 Operator : SJ/MA
 Sample : I2790-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFFS-VNJ238-VNJ205-VNJ22

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-BF041717.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	2.390	71	77	81	rVB	43920	69006	1.81%	0.158%
2	2.972	173	176	184	rVB	104620	114090	2.99%	0.261%
3	3.407	243	250	260	rVB2	39272	75008	1.96%	0.172%
4	3.931	331	339	348	rBV	310710	453947	11.89%	1.039%
5	4.260	391	395	400	rBV	172133	208413	5.46%	0.477%
6	4.313	400	404	415	rVB	3076692	3393266	88.87%	7.766%
7	4.519	436	439	444	rBV	142290	137859	3.61%	0.316%
8	4.584	447	450	458	rVB	81767	86220	2.26%	0.197%
9	4.943	507	511	518	rVB2	56975	74954	1.96%	0.172%
10	5.237	558	561	564	rBV3	57830	66703	1.75%	0.153%
11	5.319	571	575	581	rBV3	50344	56940	1.49%	0.130%
12	5.390	581	587	597	rBV	2904533	3705019	97.04%	8.479%
13	5.513	603	608	611	rBV	3505241	3503793	91.77%	8.019%
14	5.566	614	617	619	rVV	142380	125738	3.29%	0.288%
15	5.590	619	621	626	rVB	115470	98824	2.59%	0.226%
16	5.754	645	649	653	rBV	1052452	880091	23.05%	2.014%
17	5.790	653	655	658	rVB2	75881	65140	1.71%	0.149%
18	5.825	658	661	663	rBV	79362	65835	1.72%	0.151%
19	5.937	675	680	683	rBV	2835608	2819540	73.84%	6.453%
20	6.131	709	713	716	rBV	53982	57532	1.51%	0.132%
21	6.213	722	727	734	rBV4	28762	74408	1.95%	0.170%
22	6.407	754	760	763	rBV	2060913	2224168	58.25%	5.090%
23	6.472	768	771	774	rVB	129143	113508	2.97%	0.260%
24	6.689	805	808	813	rBV2	54373	59674	1.56%	0.137%
25	6.989	855	859	862	rVV2	49550	68872	1.80%	0.158%
26	7.048	865	869	875	rVB5	32391	55988	1.47%	0.128%
27	7.248	899	903	905	rBV	1304687	1184911	31.03%	2.712%
28	7.272	905	907	911	rVB	505754	404302	10.59%	0.925%
29	7.372	919	924	928	rBV	66386	67050	1.76%	0.153%
30	7.807	994	998	1003	rBV	152244	144308	3.78%	0.330%
31	8.013	1030	1033	1036	rVB	182341	154543	4.05%	0.354%
32	8.113	1046	1050	1058	rVB	516030	469042	12.28%	1.073%
33	8.231	1065	1070	1073	rBV	351717	307980	8.07%	0.705%
34	8.425	1099	1103	1106	rVV	71846	76258	2.00%	0.175%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.572	1120	1128	1131	rBV	3628348	3818194	100.00%	8.738%
36	8.707	1149	1151	1156	rVB	163241	147967	3.88%	0.339%
37	8.795	1163	1166	1172	rVB	51919	76059	1.99%	0.174%
38	8.878	1177	1180	1185	rBV2	111528	165458	4.33%	0.379%
39	8.972	1193	1196	1199	rBV	199711	203716	5.34%	0.466%
40	9.001	1199	1201	1208	rVB	205487	197099	5.16%	0.451%
41	9.072	1208	1213	1216	rBV	478740	483906	12.67%	1.107%
42	9.107	1216	1219	1222	rBV2	204509	223624	5.86%	0.512%
43	9.207	1232	1236	1243	rBV4	72144	94987	2.49%	0.217%
44	9.378	1259	1265	1270	rBV3	1173112	1414941	37.06%	3.238%
45	9.525	1286	1290	1296	rBV2	43928	78127	2.05%	0.179%
46	9.630	1305	1308	1314	rVB2	124831	181387	4.75%	0.415%
47	9.689	1314	1318	1321	rBV3	82106	95540	2.50%	0.219%
48	9.783	1331	1334	1338	rBV2	50353	72742	1.91%	0.166%
49	9.819	1338	1340	1342	rVB	65320	51373	1.35%	0.118%
50	9.889	1347	1352	1355	rBV3	93198	134024	3.51%	0.307%
51	9.977	1364	1367	1372	rBV	229084	230508	6.04%	0.528%
52	10.048	1377	1379	1384	rVB	170941	171593	4.49%	0.393%
53	10.254	1409	1414	1417	rBV	179841	202648	5.31%	0.464%
54	10.360	1427	1432	1437	rBV	1811091	2013578	52.74%	4.608%
55	10.407	1437	1440	1444	rVB4	56337	67661	1.77%	0.155%
56	10.525	1457	1460	1463	rVB	174794	161084	4.22%	0.369%
57	10.566	1463	1467	1468	rBV	244977	284674	7.46%	0.652%
58	10.583	1468	1470	1473	rVB	317531	287828	7.54%	0.659%
59	10.901	1518	1524	1530	rBV4	96293	192199	5.03%	0.440%
60	10.966	1532	1535	1541	rVB4	47802	63755	1.67%	0.146%
61	11.113	1557	1560	1564	rVB	209664	214599	5.62%	0.491%
62	11.154	1564	1567	1570	rVB	63613	67434	1.77%	0.154%
63	11.201	1570	1575	1578	rBV	1100716	1100386	28.82%	2.518%
64	11.230	1578	1580	1583	rVB	377381	311820	8.17%	0.714%
65	11.289	1587	1590	1594	rVB	85544	93382	2.45%	0.214%
66	11.354	1596	1601	1604	rVV4	37286	64967	1.70%	0.149%
67	11.501	1622	1626	1628	rBV3	46529	57310	1.50%	0.131%
68	11.642	1647	1650	1654	rVB	201932	203706	5.34%	0.466%
69	11.824	1677	1681	1684	rBV	92415	95735	2.51%	0.219%
70	11.860	1684	1687	1691	rVB	150882	166757	4.37%	0.382%
71	11.948	1698	1702	1706	rBV2	160591	276024	7.23%	0.632%

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72	11.983	1706	1708	1712	rVB	88173	79138	2.07%	0.181%
73	12.148	1733	1736	1741	rVB	149891	135677	3.55%	0.311%
74	12.195	1741	1744	1746	rBV	61044	57325	1.50%	0.131%
75	12.507	1793	1797	1800	rBV	87350	107497	2.82%	0.246%
76	12.542	1800	1803	1807	rVV2	42132	51132	1.34%	0.117%
77	12.630	1815	1818	1821	rVB	128691	135685	3.55%	0.311%
78	12.689	1824	1828	1832	rBV	430840	439891	11.52%	1.007%
79	12.966	1870	1875	1878	rVB	440390	497622	13.03%	1.139%
80	13.089	1894	1896	1899	rVB	100451	89929	2.36%	0.206%
81	13.183	1906	1912	1915	rBV	2296969	2516933	65.92%	5.760%
82	13.383	1943	1946	1950	rVB	99571	116612	3.05%	0.267%
83	13.507	1964	1967	1969	rVV2	69630	75909	1.99%	0.174%
84	13.530	1969	1971	1976	rVB2	114984	110143	2.88%	0.252%
85	13.954	2040	2043	2046	rBV	95381	93773	2.46%	0.215%
86	14.360	2106	2112	2117	rVB3	111447	210635	5.52%	0.482%
87	14.448	2122	2127	2131	rVV2	734921	1060226	27.77%	2.426%
88	14.477	2131	2132	2135	rVV	219126	200480	5.25%	0.459%
89	14.507	2135	2137	2142	rVB	76583	90437	2.37%	0.207%
90	14.754	2176	2179	2185	rVB2	94253	125088	3.28%	0.286%
91	15.130	2240	2243	2249	rVB3	101298	127039	3.33%	0.291%
92	15.677	2332	2336	2339	rBV	219382	307891	8.06%	0.705%
93	15.848	2362	2365	2368	rBV2	86589	106956	2.80%	0.245%
94	15.965	2382	2385	2391	rVB	134079	142451	3.73%	0.326%
95	16.018	2391	2394	2399	rBV	190649	201653	5.28%	0.462%
96	16.077	2400	2404	2407	rBV	604303	669811	17.54%	1.533%
97	16.571	2485	2488	2492	rVB2	92328	112463	2.95%	0.257%
98	16.677	2503	2506	2517	rVB5	118284	259365	6.79%	0.594%
99	17.289	2606	2610	2615	rVB2	86994	149183	3.91%	0.341%
100	17.353	2616	2621	2624	rBV2	107892	194292	5.09%	0.445%

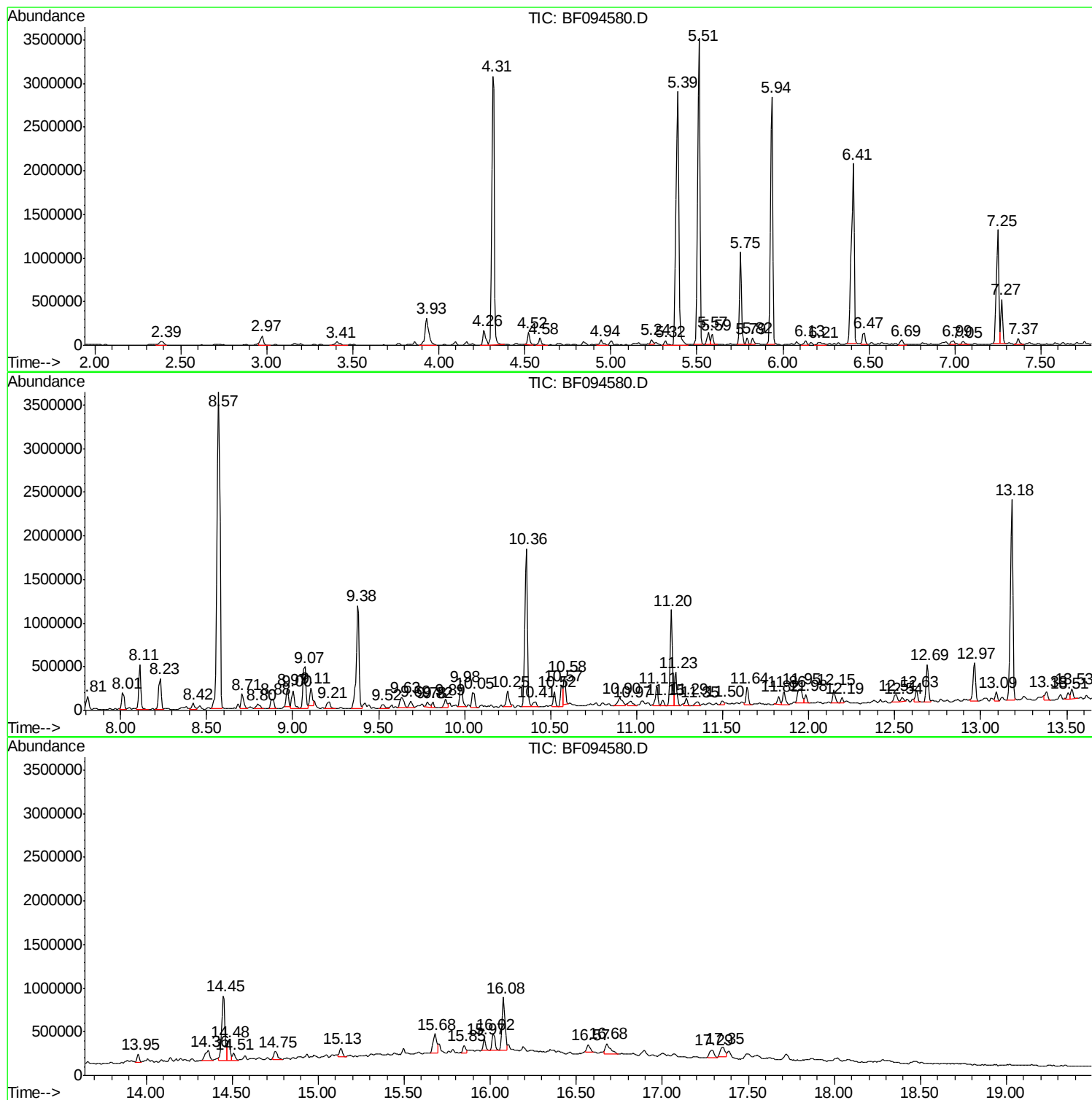
Sum of corrected areas: 43694958

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.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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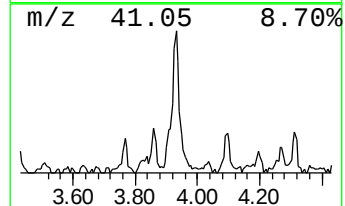
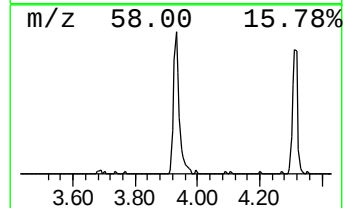
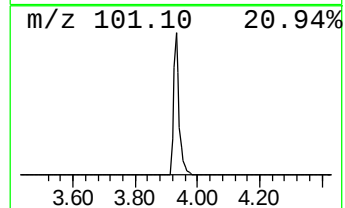
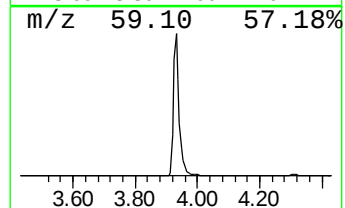
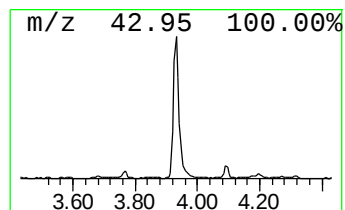
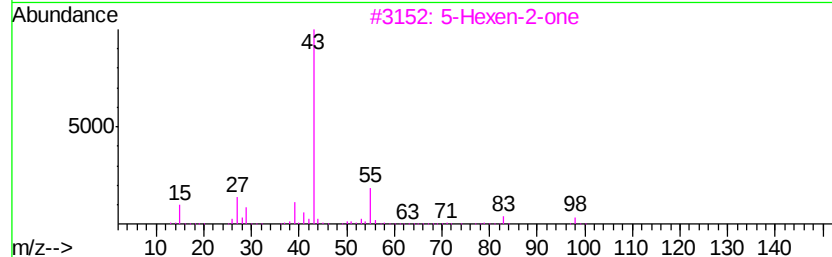
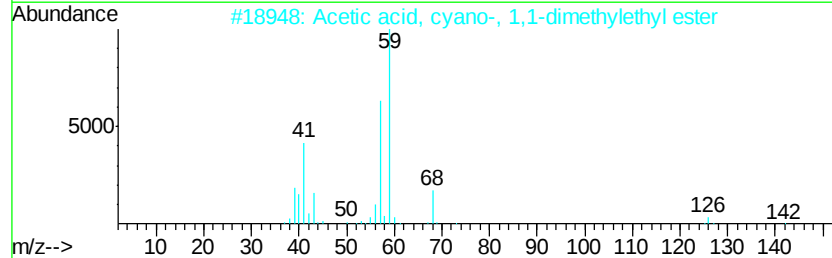
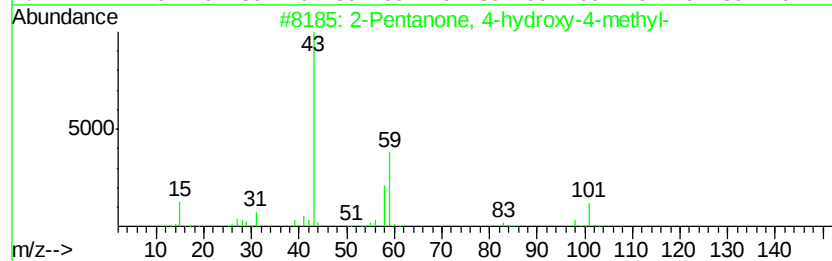
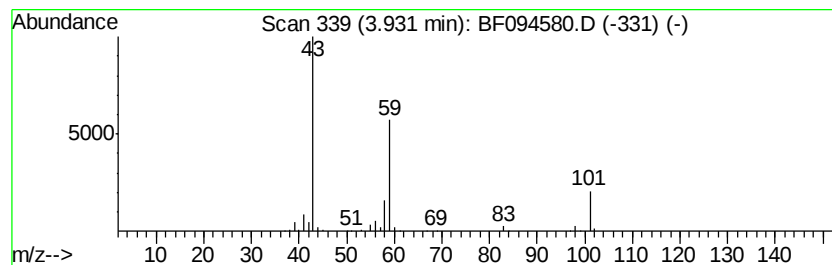
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.93	10.32 ng	453947	1,4-Dichlorobenzene-d4	5.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3		5-Hexen-2-one	98	C6H10O	000109-49-9	9
4		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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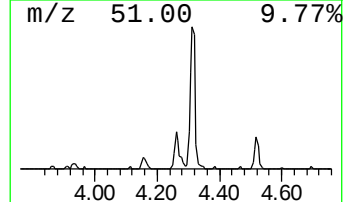
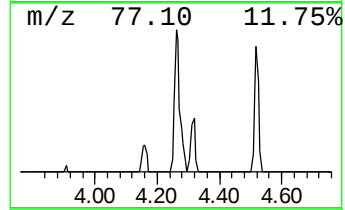
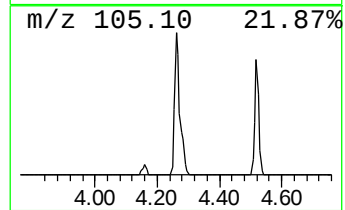
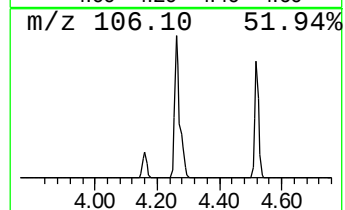
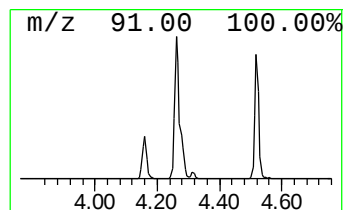
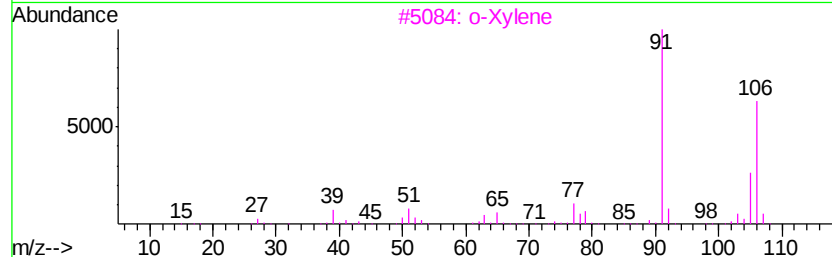
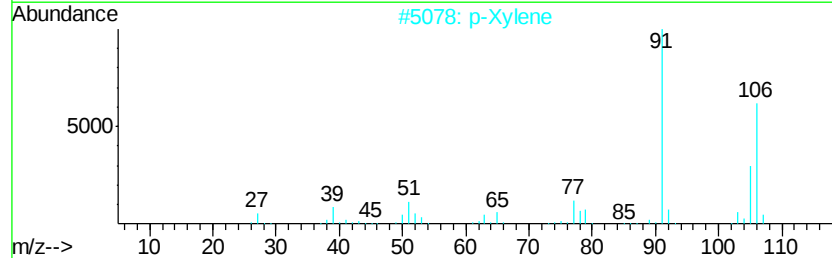
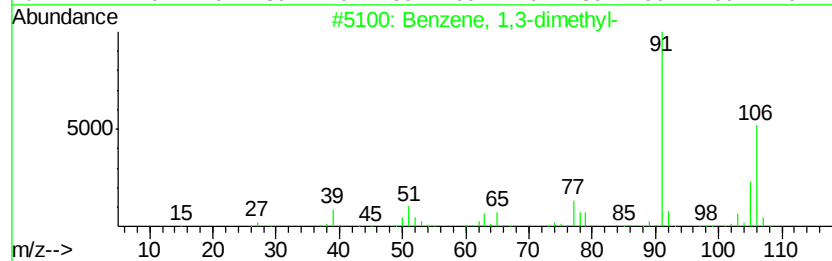
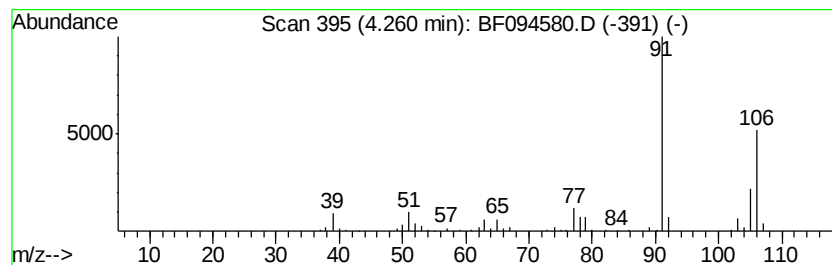
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.26	4.74 ng	208413	1,4-Dichlorobenzene-d4	5.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2		p-Xylene	106	C8H10	000106-42-3	97
3		o-Xylene	106	C8H10	000095-47-6	94
4		1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	91
5		Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86



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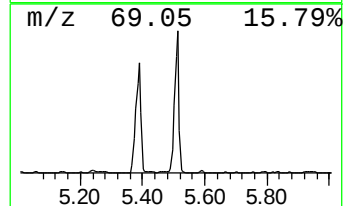
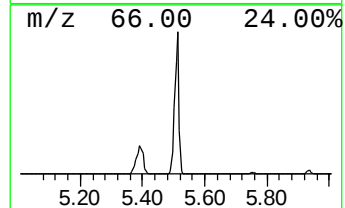
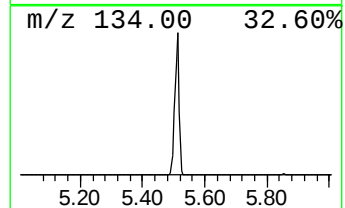
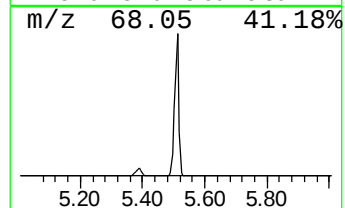
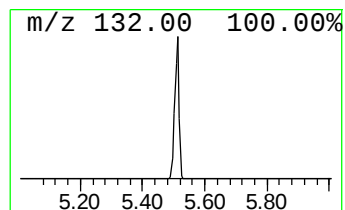
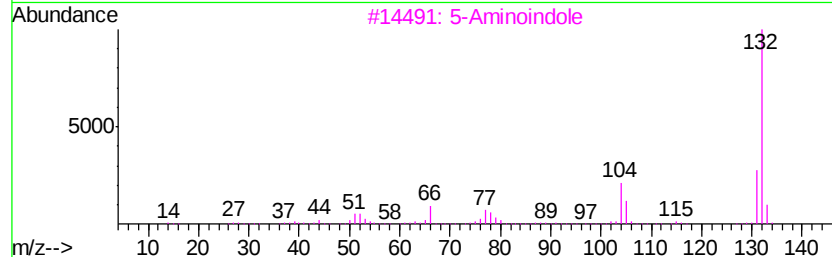
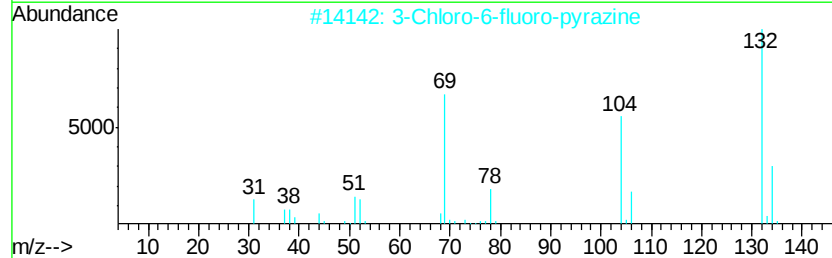
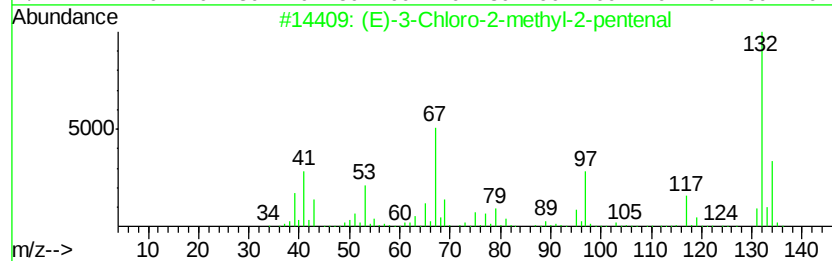
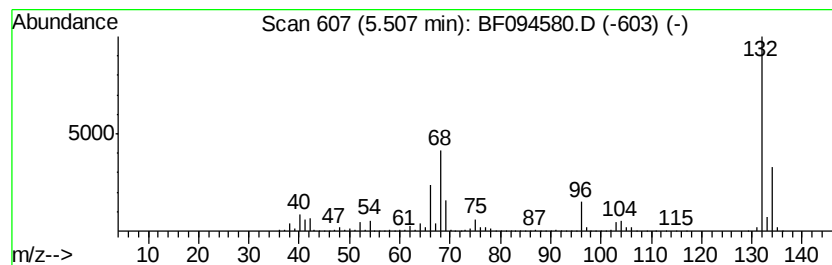
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown5.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.51	79.62 ng	3503790	1,4-Dichlorobenzene-d4	5.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



Data Path : Z:\HPCHEM1\BNA F\Data\BF042417\
Data File : BF094580.D
Acq On : 24 Apr 2017 12:54
Operator : SJ/MA
Sample : I2790-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

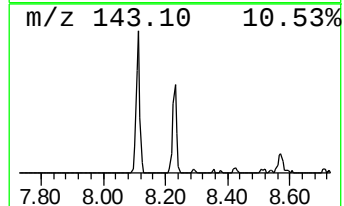
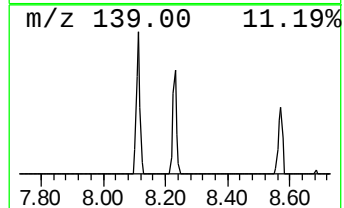
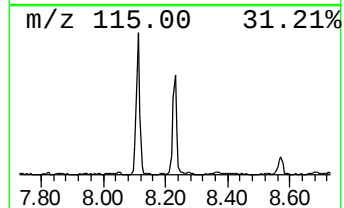
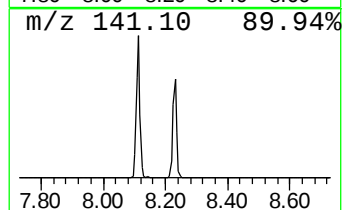
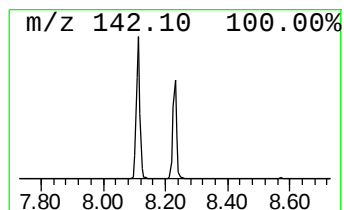
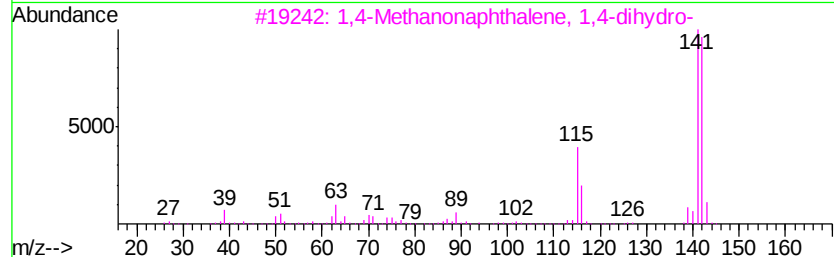
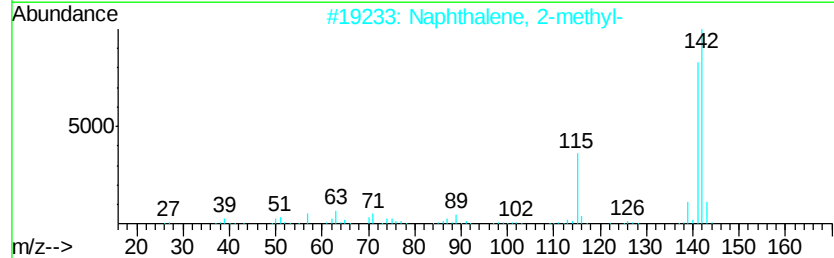
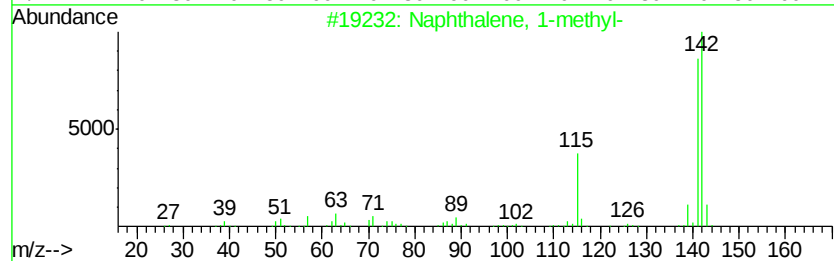
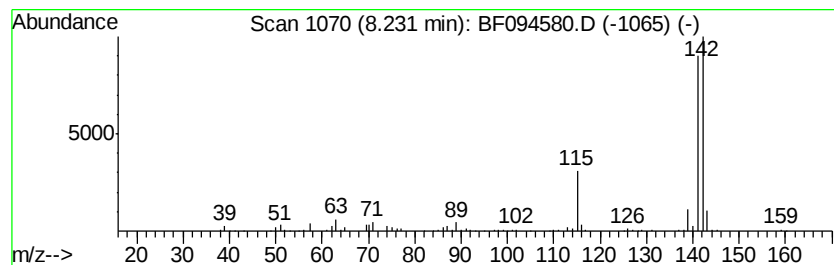
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ClientSampleId :
ROLLOFFS-VNJ238-VNJ205-VNJ22

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
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-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.23	5.20 ng	307980	Naphthalene-d8	7.25		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



Data Path : Z:\HPCHEM1\BNA F\Data\BF042417\
Data File : BF094580.D
Acq On : 24 Apr 2017 12:54
Operator : SJ/MA
Sample : I2790-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLLOFFS-VNJ238-VNJ205-VNJ22

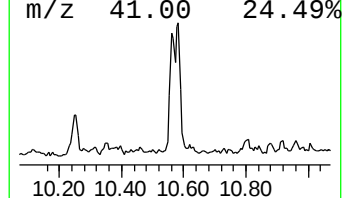
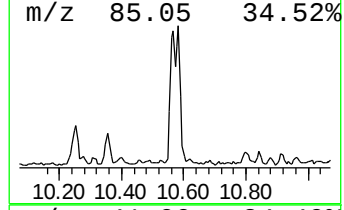
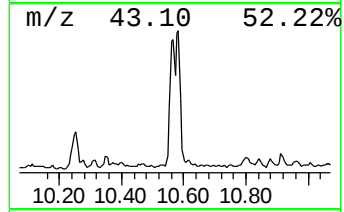
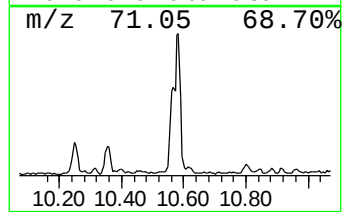
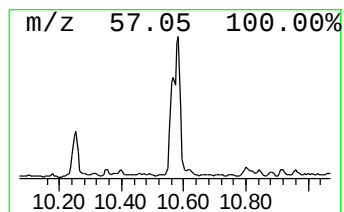
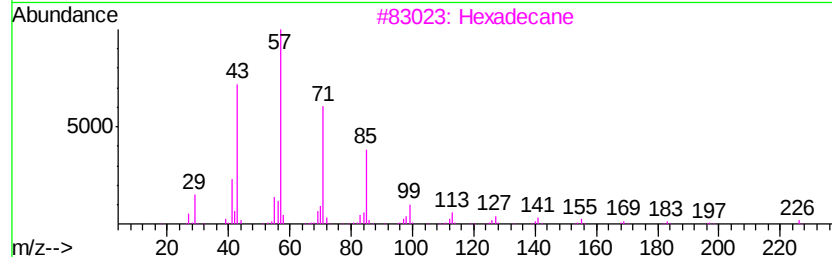
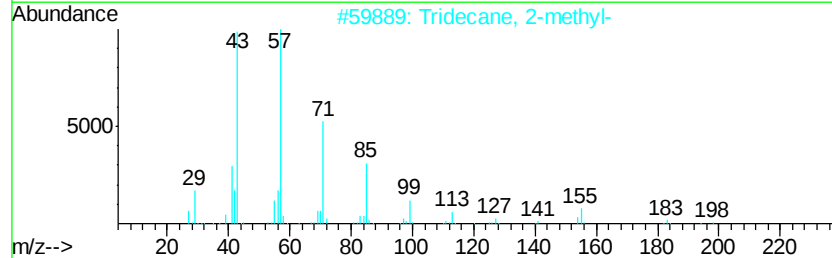
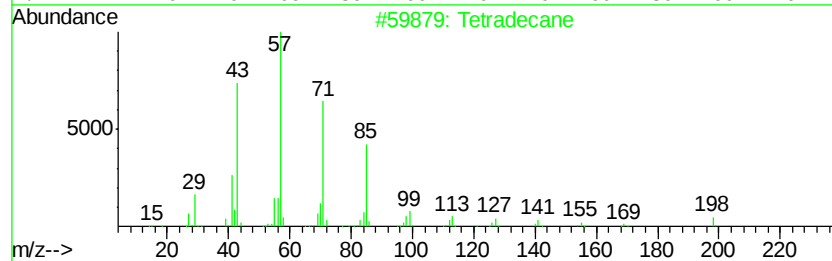
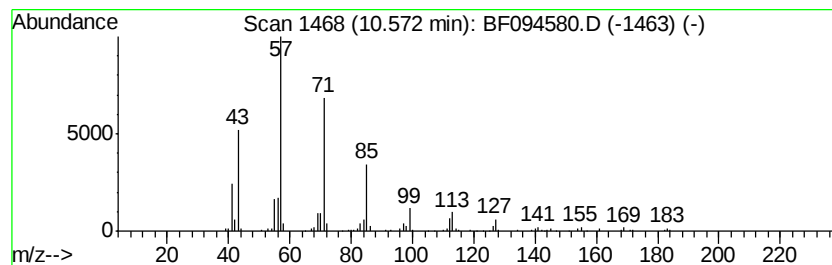
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	5.17 ng	284674	Phenanthrene-d10	11.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	90
2		Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Heneicosane	296	C21H44	000629-94-7	87
5		Octacosane	394	C28H58	000630-02-4	86



Data Path : Z:\HPCHEM1\BNA F\Data\BF042417\
Data File : BF094580.D
Acq On : 24 Apr 2017 12:54
Operator : SJ/MA
Sample : I2790-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

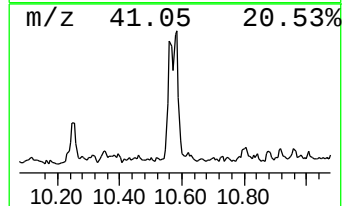
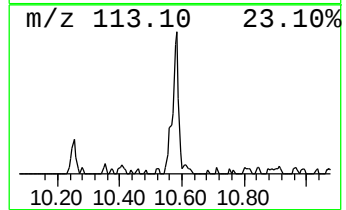
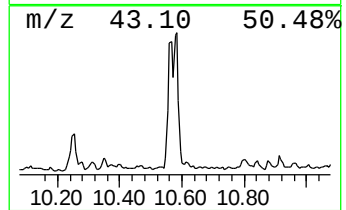
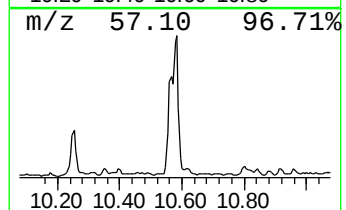
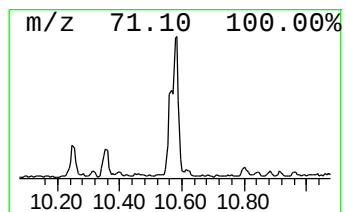
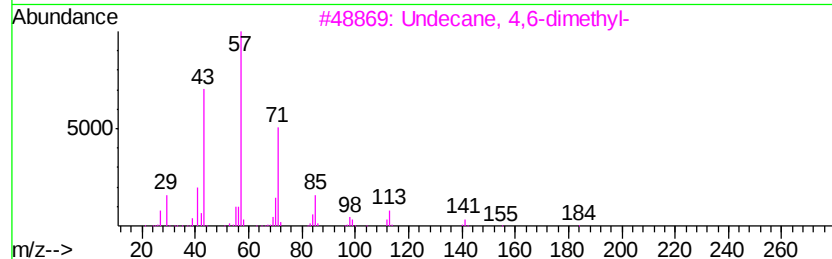
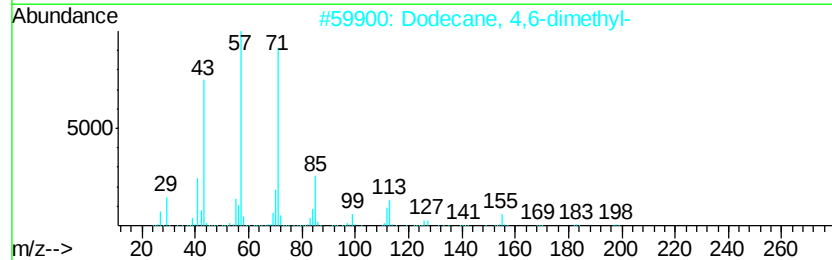
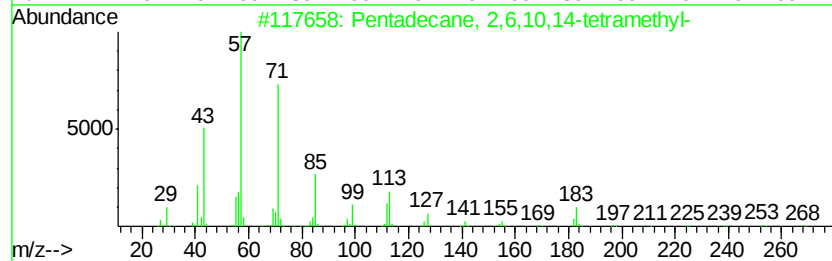
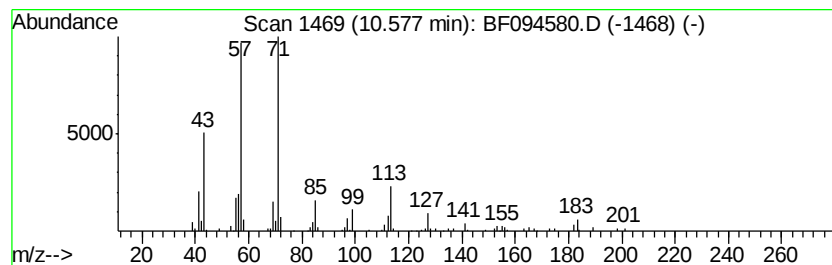
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ClientSampleId :
ROLLOFFS-VNJ238-VNJ205-VNJ22

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane, 2,6,10,14-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.58	5.23 ng	287828	Phenanthrene-d10	11.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	53



Data Path : Z:\HPCHEM1\BNA F\Data\BF042417\
Data File : BF094580.D
Acq On : 24 Apr 2017 12:54
Operator : SJ/MA
Sample : I2790-04
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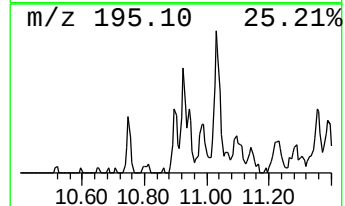
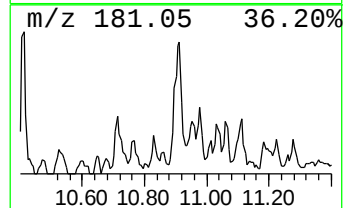
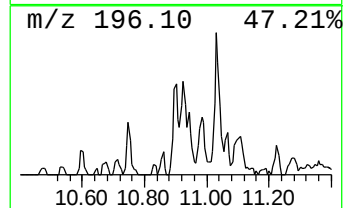
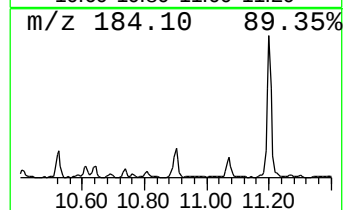
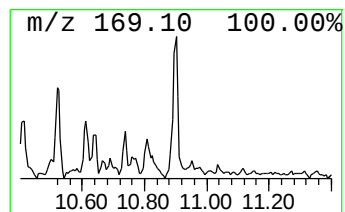
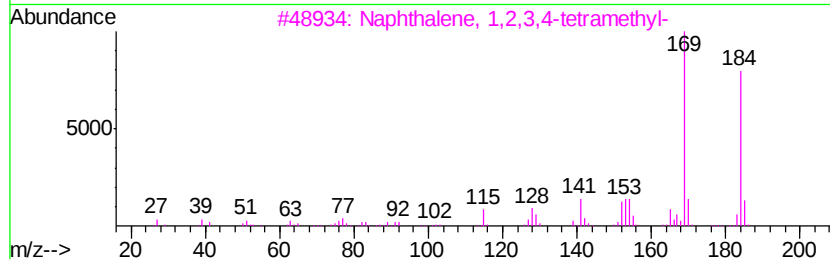
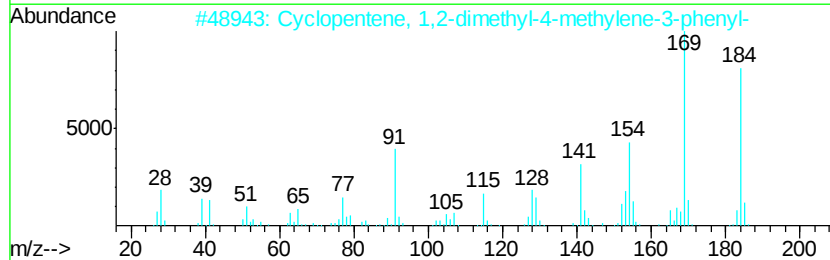
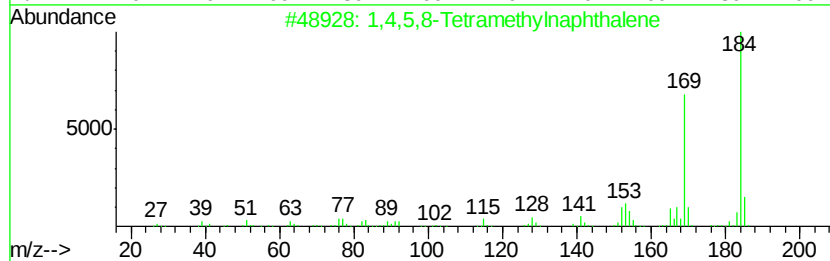
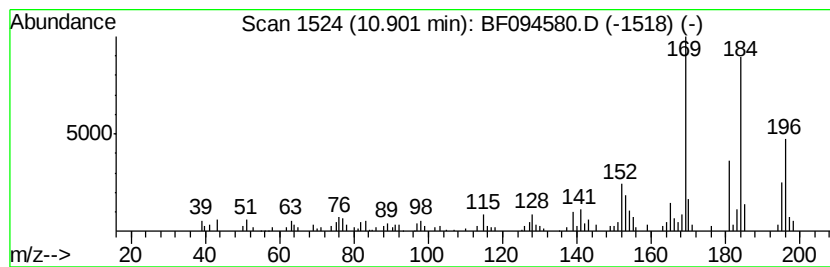
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ROLLOFFS-VNJ238-VNJ205-VNJ22

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1,4,5,8-Tetramethylnaphthalene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.90	3.49 ng	192199	Phenanthrene-d10	11.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	83
2		Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	64
3		Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	64
4		Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	60
5		Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	58



Data Path : Z:\HPCHEM1\BNA F\Data\BF042417\
Data File : BF094580.D
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Sample : I2790-04
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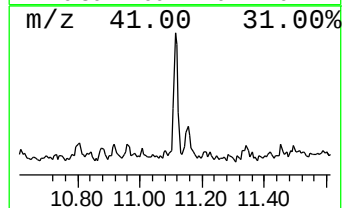
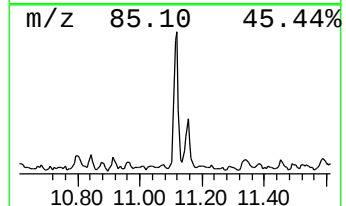
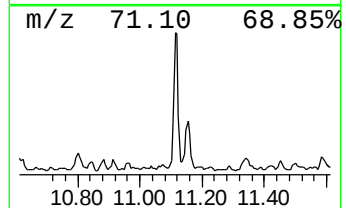
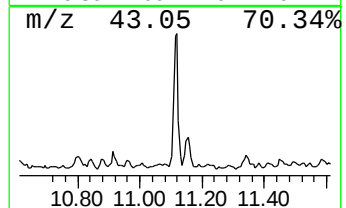
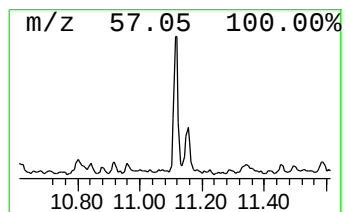
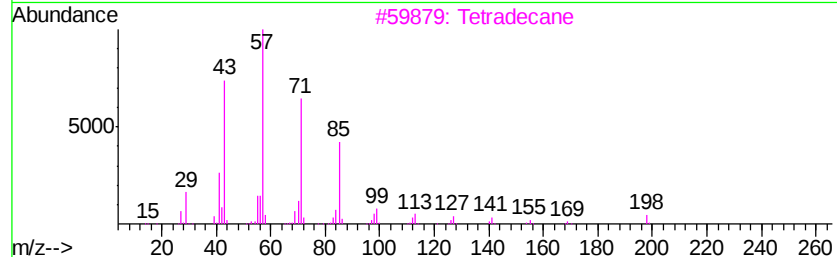
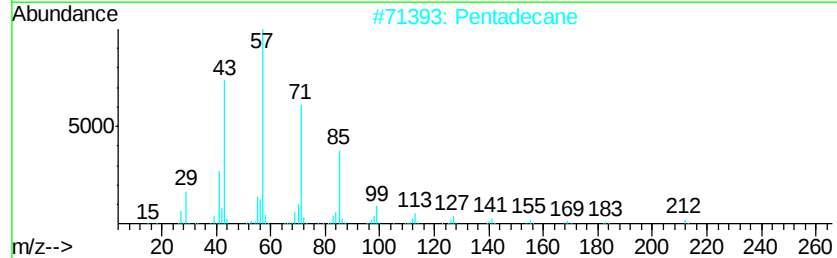
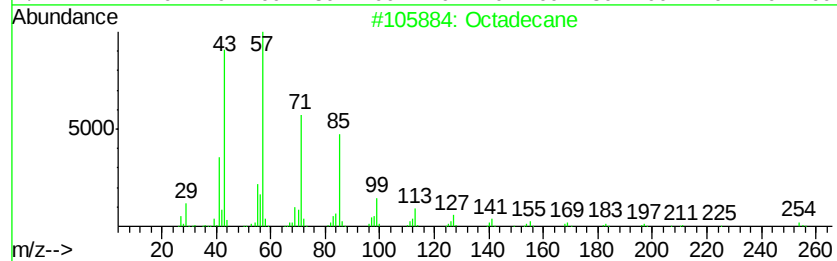
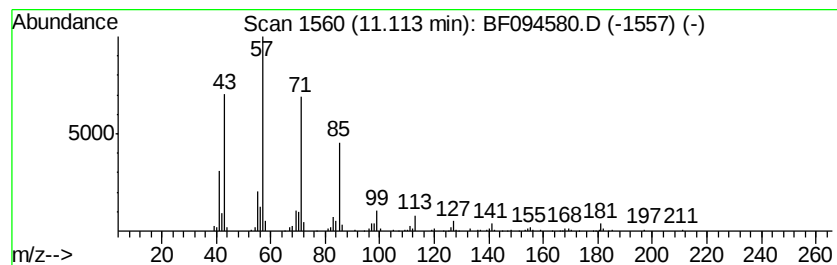
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	3.90 ng	214599	Phenanthrene-d10	11.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	91
2		Pentadecane	212	C15H32	000629-62-9	87
3		Tetradecane	198	C14H30	000629-59-4	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		Octacosane	394	C28H58	000630-02-4	86



Data Path : Z:\HPCHEM1\BNA F\Data\BF042417\
Data File : BF094580.D
Acq On : 24 Apr 2017 12:54
Operator : SJ/MA
Sample : I2790-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ROLLOFFS-VNJ238-VNJ205-VNJ22

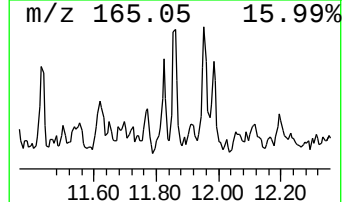
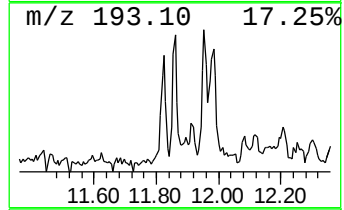
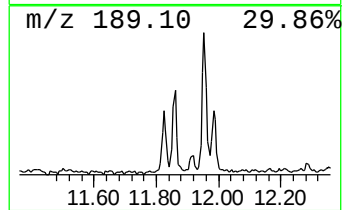
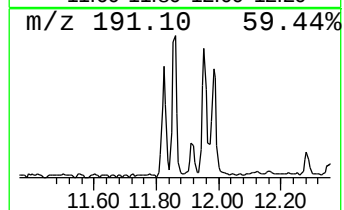
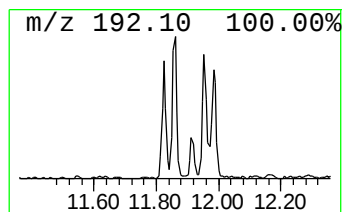
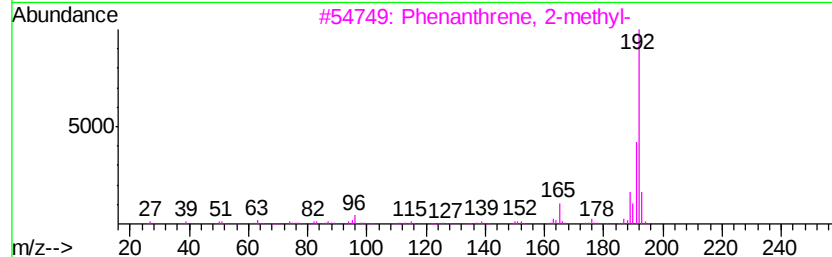
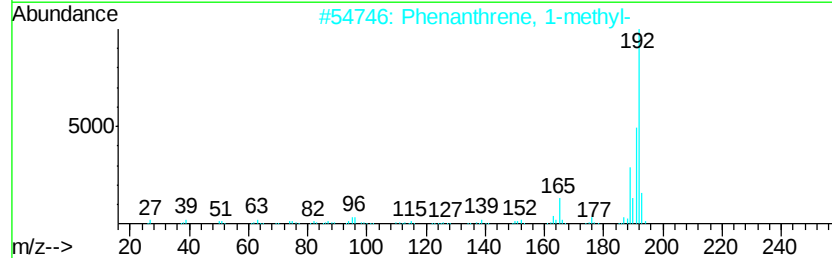
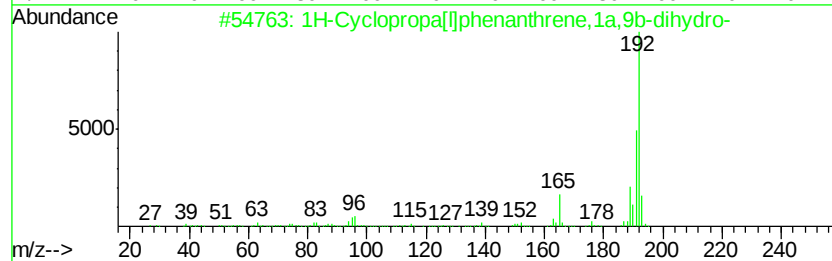
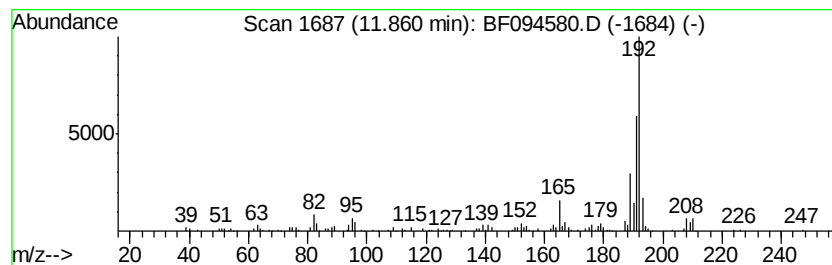
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1H-Cyclopropa[l]phenanthren... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.03 ng	166757	Phenanthrene-d10	11.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	97
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



Data Path : Z:\HPCHEM1\BNA F\Data\BF042417\
Data File : BF094580.D
Acq On : 24 Apr 2017 12:54
Operator : SJ/MA
Sample : I2790-04
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ROLLOFFS-VNJ238-VNJ205-VNJ22

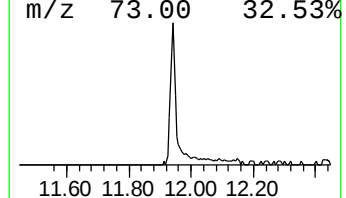
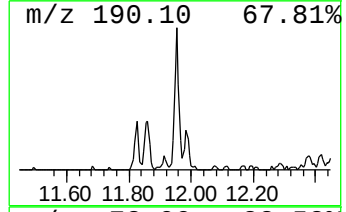
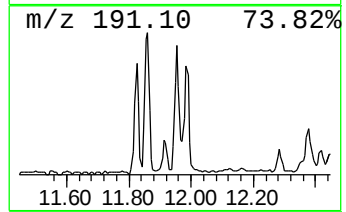
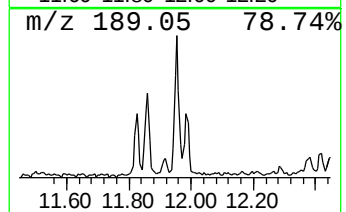
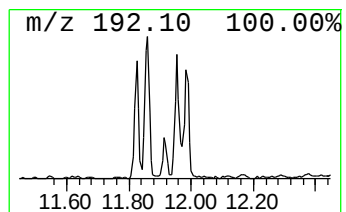
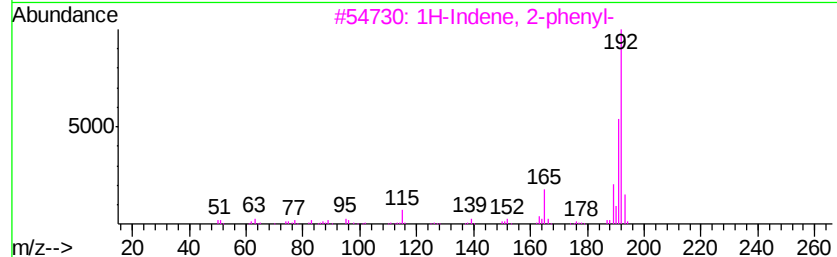
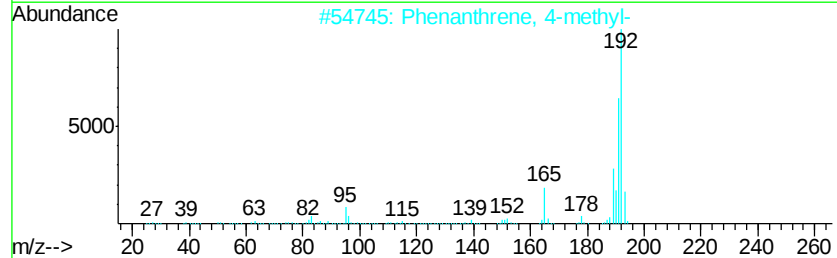
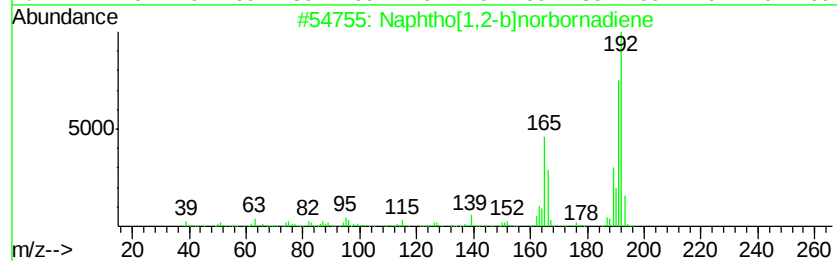
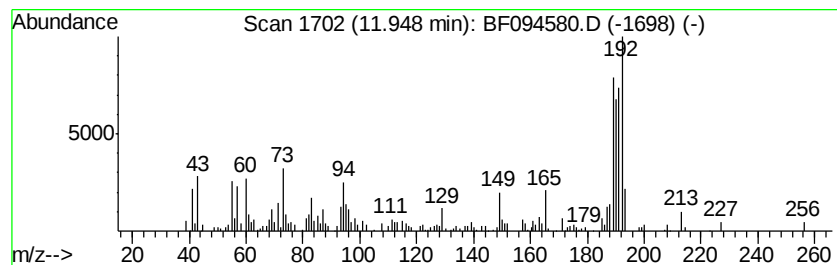
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphtho[1,2-b]norbornadiene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	5.02 ng	276024	Phenanthrene-d10	11.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	50
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	50
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	49
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	45



Data Path : Z:\HPCHEM1\BNA F\Data\BF042417\
Data File : BF094580.D
Acq On : 24 Apr 2017 12:54
Operator : SJ/MA
Sample : I2790-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

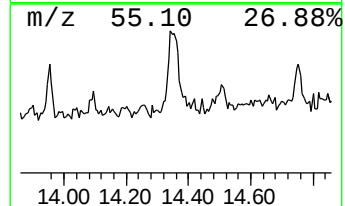
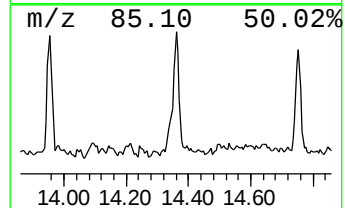
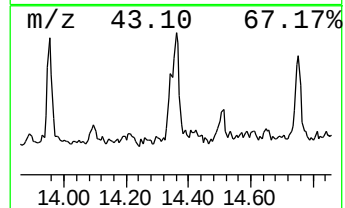
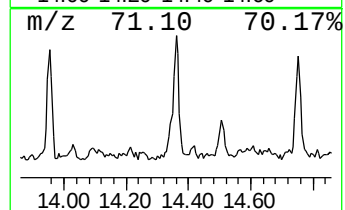
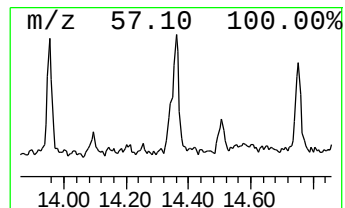
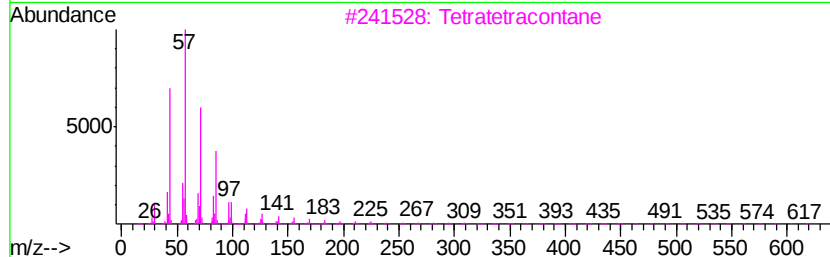
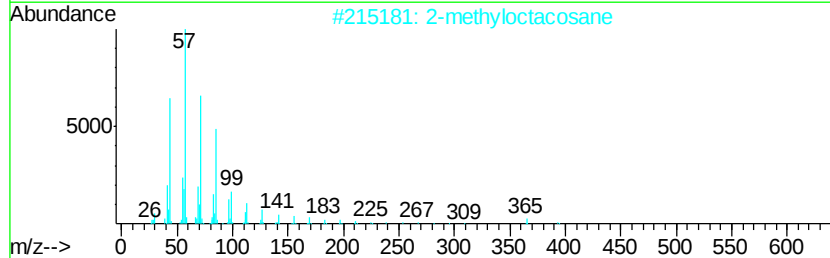
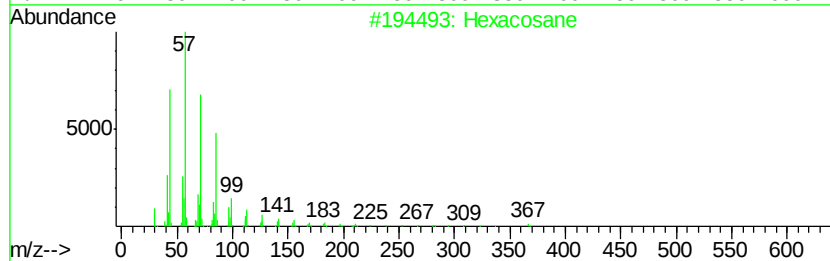
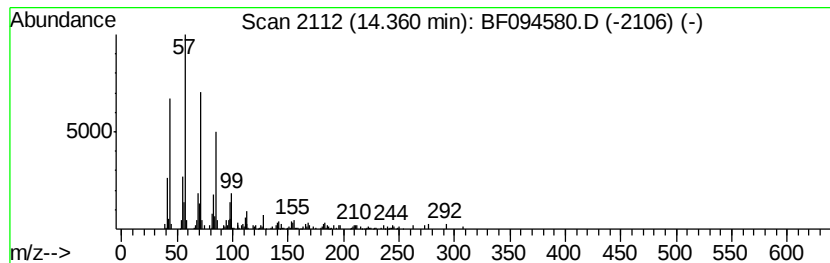
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ClientSampleId :
ROLLOFFS-VNJ238-VNJ205-VNJ22

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	3.97 ng	210635	Chrysene-d12	14.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane	366 C26H54	000630-01-3	90
2	2-methyloctacosane	408 C29H60	1000376-72-8	90
3	Tetratetracontane	619 C44H90	007098-22-8	90
4	Heneicosane, 11-(1-ethylpropyl)-	366 C26H54	055282-11-6	87
5	Heneicosane	296 C21H44	000629-94-7	87



Data Path : Z:\HPCHEM1\BNA F\Data\BF042417\
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Operator : SJ/MA
Sample : I2790-04
Misc :
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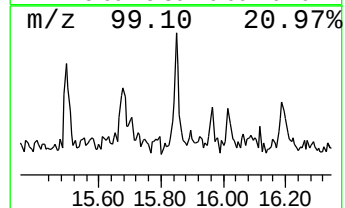
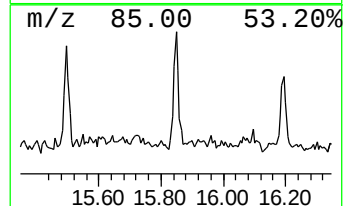
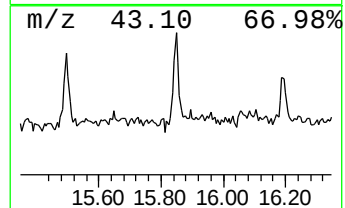
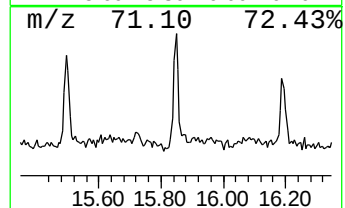
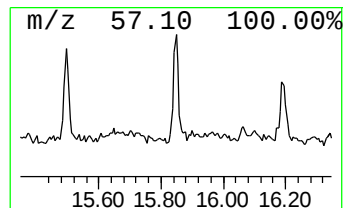
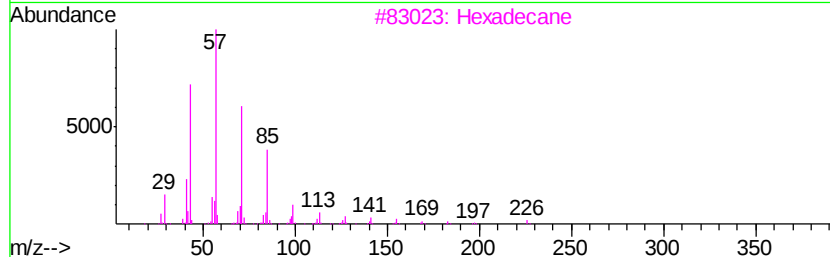
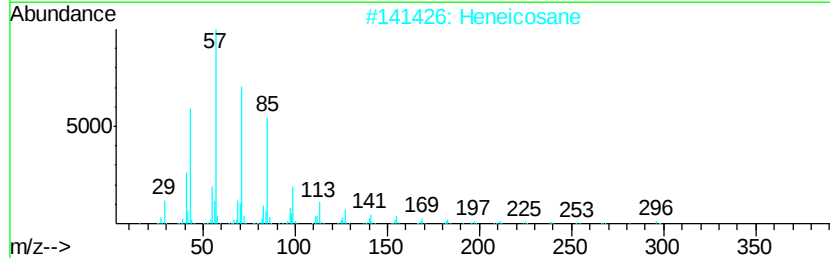
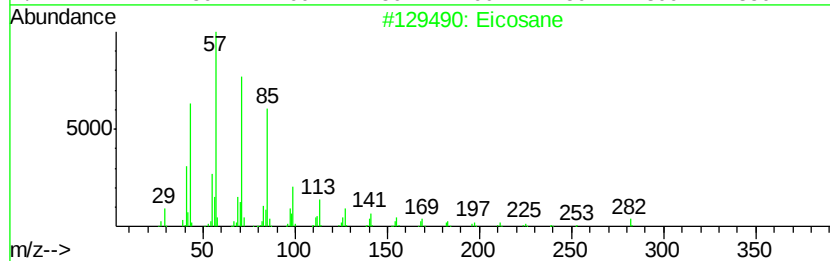
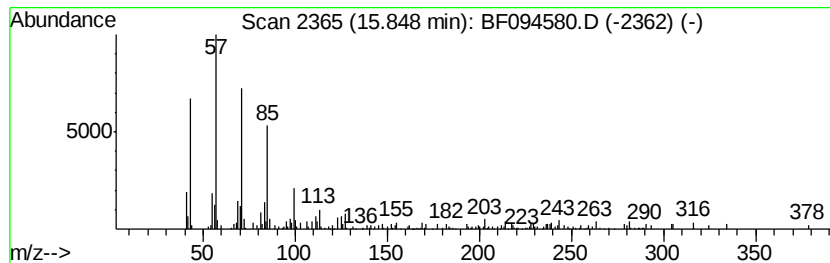
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Eicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	3.19 ng	106956	Perylene-d12	16.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	91
2	Heneicosane	296 C21H44	000629-94-7	83
3	Hexadecane	226 C16H34	000544-76-3	81
4	2-Bromo dodecane	248 C12H25Br	013187-99-0	80
5	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	72



Data Path : Z:\HPCHEM1\BNA F\Data\BF042417\
Data File : BF094580.D
Acq On : 24 Apr 2017 12:54
Operator : SJ/MA
Sample : I2790-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

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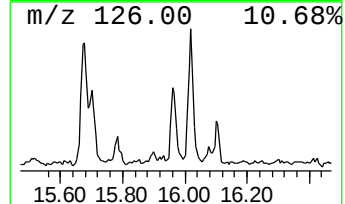
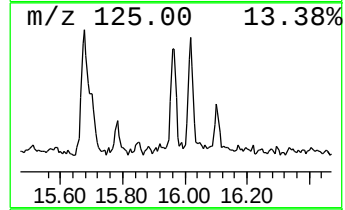
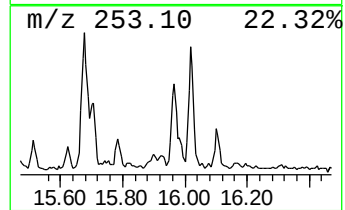
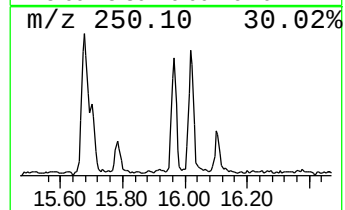
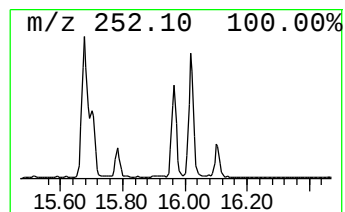
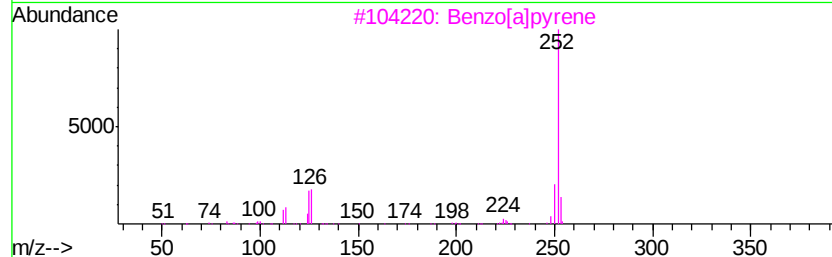
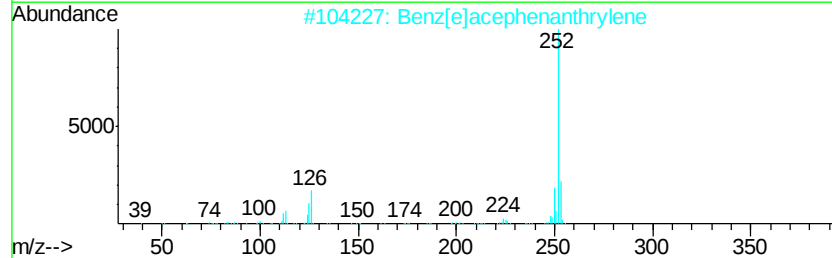
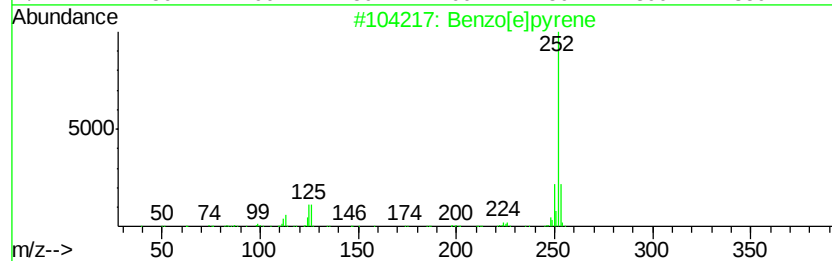
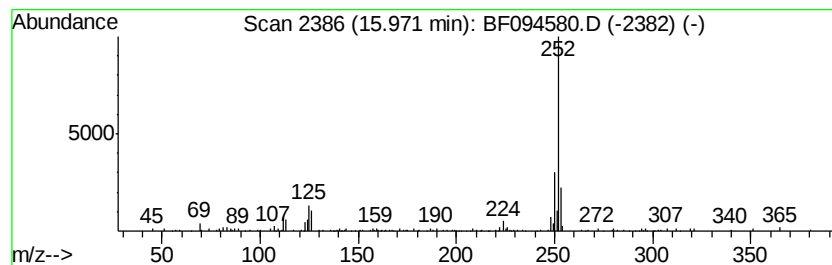
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	4.25 ng	142451	Perylene-d12	16.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
3		Benzo[a]pyrene	252	C20H12	000050-32-8	95
4		Benzo[i]fluoranthene	252	C20H12	000205-82-3	95
5		Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\HPCHEM1\BNA F\Data\BF042417\
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Sample : I2790-04
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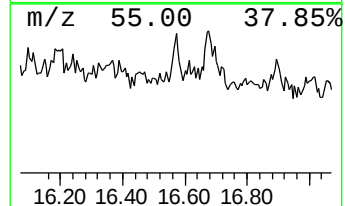
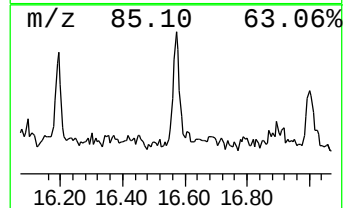
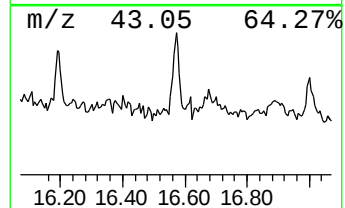
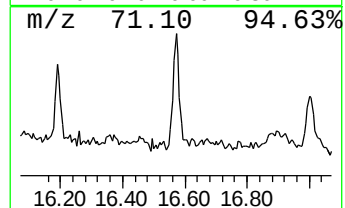
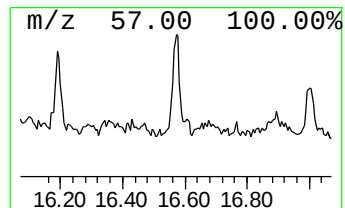
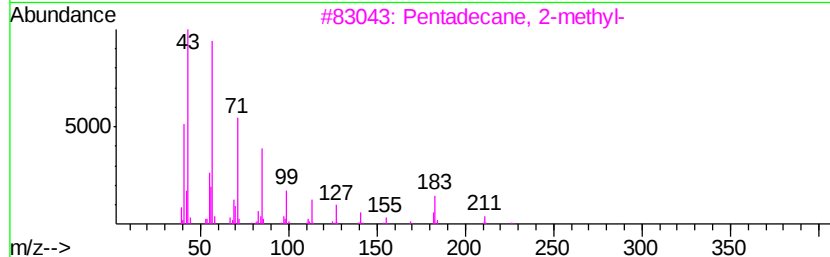
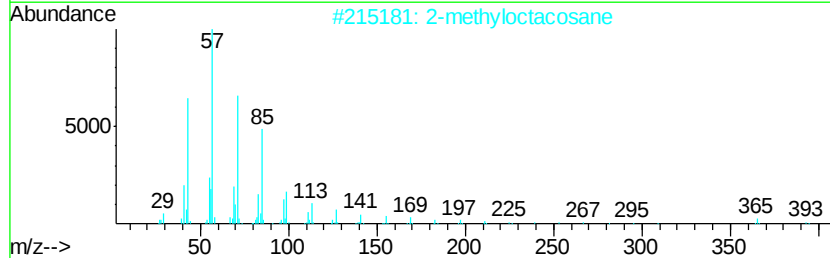
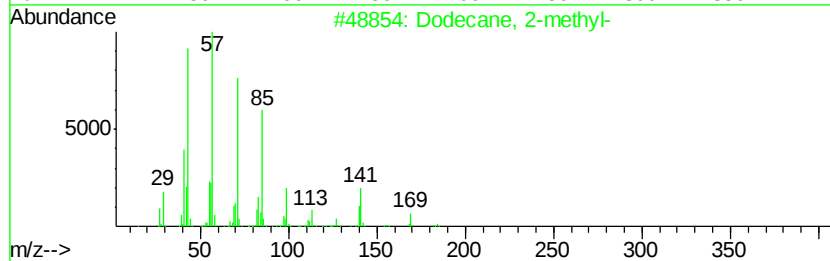
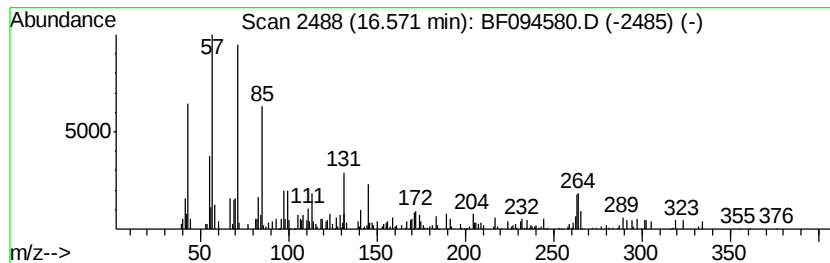
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dodecane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	3.36 ng	112463	Perylene-d12	16.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 2-methyl-	184 C13H28	001560-97-0	60
2	2-methyloctacosane	408 C29H60	1000376-72-8	50
3	Pentadecane, 2-methyl-	226 C16H34	001560-93-6	43
4	Sulfurous acid, pentadecyl pentv...	362 C20H42O3S	1000309-14-8	35
5	Heneicosane	296 C21H44	000629-94-7	30



Data Path : Z:\HPCHEM1\BNA F\Data\BF042417\
Data File : BF094580.D
Acq On : 24 Apr 2017 12:54
Operator : SJ/MA
Sample : I2790-04
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ClientSampleId :
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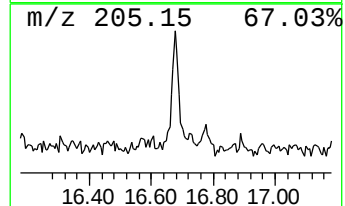
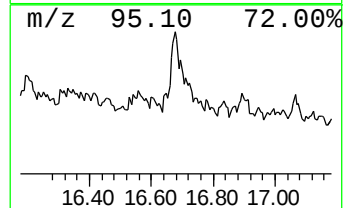
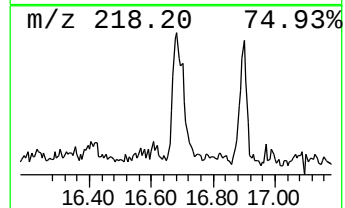
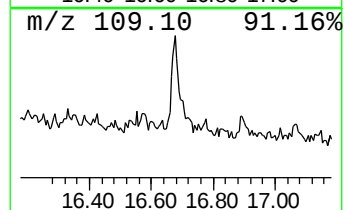
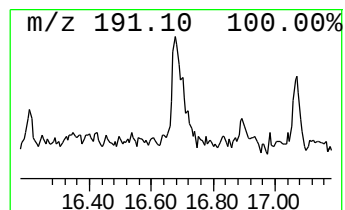
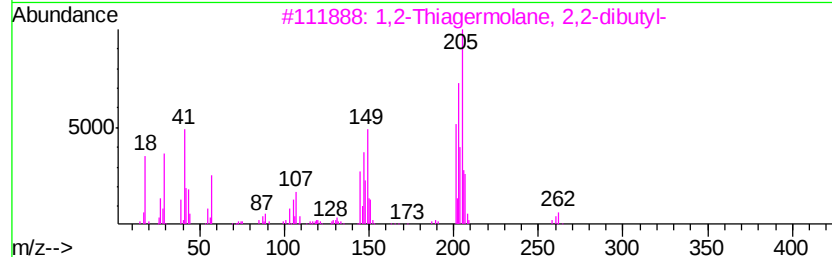
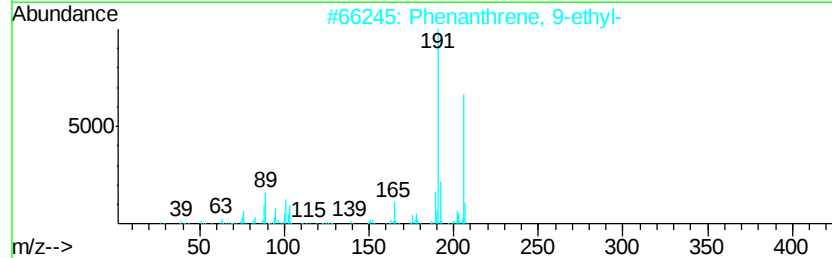
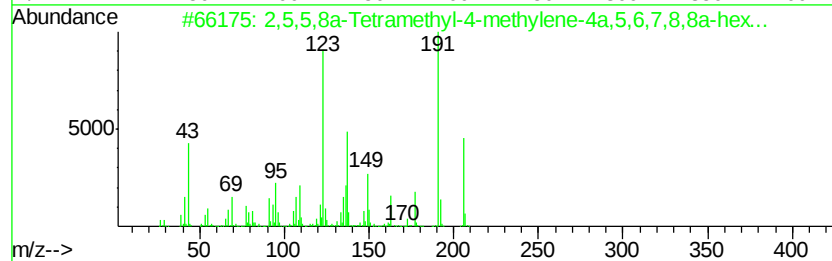
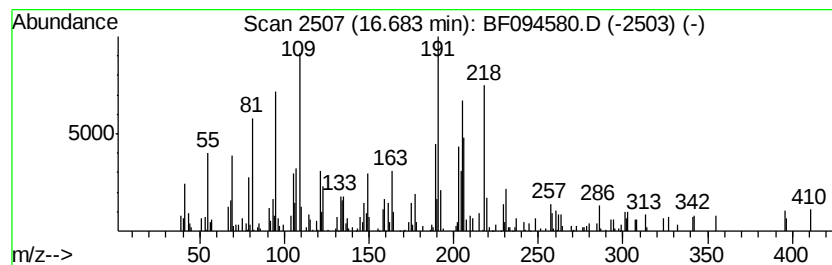
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown16.68 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	7.74 ng	259365	Perylene-d12	16.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,5,5,8a-Tetramethyl-4-methylene...	206	C14H22O	093175-76-9	25
2		Phenanthrene, 9-ethyl-	206	C16H14	003674-75-7	25
3		1,2-Thiaqermolane, 2,2-dibutyl-	262	C11H24GeS	004514-08-3	15
4		3,4-Dimethoxybenzylideneacetone	206	C12H14O3	015001-27-1	14
5		2-Methyl-7,7,8,8-tetracyano-p-qu...	218	C13H6N4	001518-13-4	14



Data Path : Z:\HPCHEM1\BNA F\Data\BF042417\
Data File : BF094580.D
Acq On : 24 Apr 2017 12:54
Operator : SJ/MA
Sample : I2790-04
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ALS Vial : 5 Sample Multiplier: 1

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ROLLOFFS-VNJ238-VNJ205-VNJ22

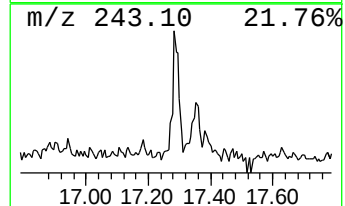
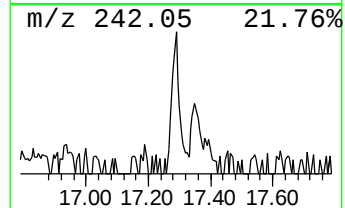
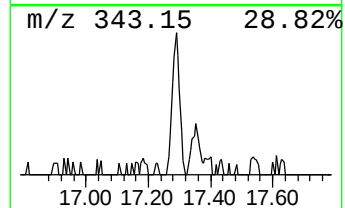
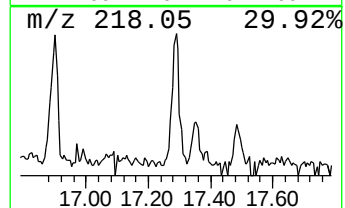
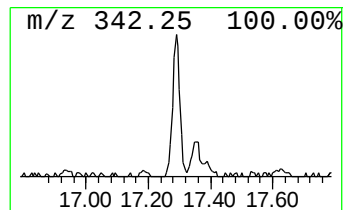
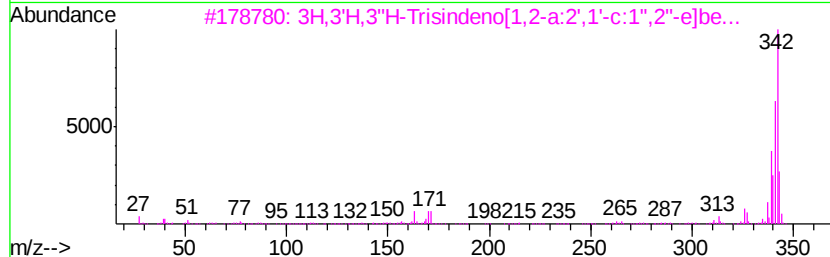
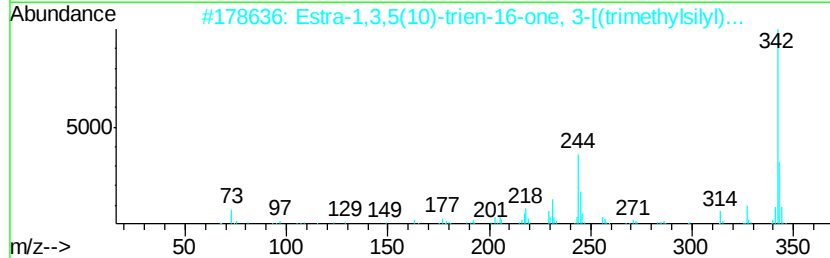
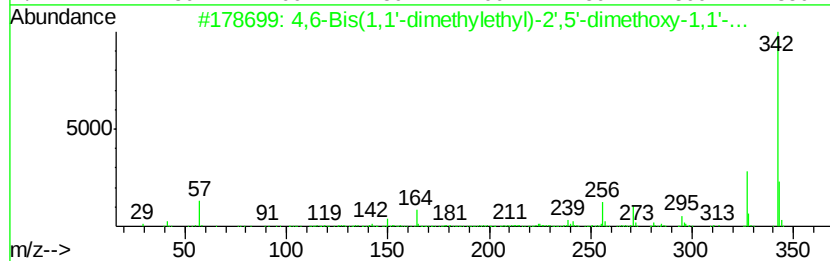
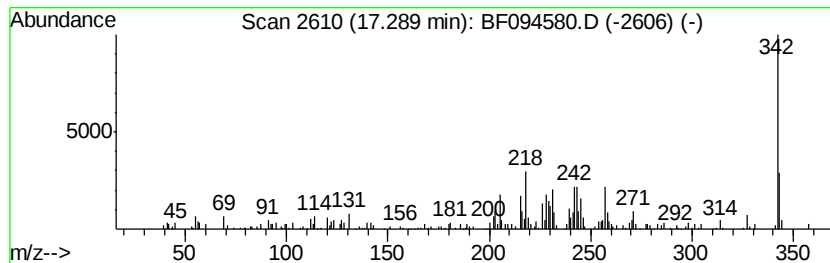
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown17.29 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	4.45 ng	149183	Perylene-d12	16.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,6-Bis(1,1'-dimethylethyl)-2',5...	342	C22H30O3	1000326-27-3	35
2		Estra-1,3,5(10)-trien-16-one, 3-...	342	C21H30O2Si	077883-20-6	32
3		3H,3'H,3''H-Trisindeno[1,2-a:2',...	342	C27H18	017509-71-6	30
4		[1,2,4]Triazolo[1,5-c]quinazolin...	342	C19H14N6O	1000350-81-7	30
5		10H-Phenothiazin-3-ol, 10-[3-(di...	342	C19H22N2O2S	056438-23-4	27



Data Path : Z:\HPCHEM1\BNA_F\Data\BF042417\
 Data File : BF094580.D
 Acq On : 24 Apr 2017 12:54
 Operator : SJ/MA
 Sample : I2790-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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...	3.93	10.3	ng	453947	1	5.75	880091	20.0
Benzene, 1,3-dime...	4.26	4.7	ng	208413	1	5.75	880091	20.0
unknown5.51	5.51	79.6	ng	3503790	1	5.75	880091	20.0
Naphthalene, 1-me...	8.23	5.2	ng	307980	2	7.25	1184910	20.0
Tetradecane	10.57	5.2	ng	284674	4	11.20	1100390	20.0
Pentadecane, 2,6,...	10.58	5.2	ng	287828	4	11.20	1100390	20.0
1,4,5,8-Tetrameth...	10.90	3.5	ng	192199	4	11.20	1100390	20.0
Octadecane	11.11	3.9	ng	214599	4	11.20	1100390	20.0
1H-Cyclopropa[1]p...	11.86	3.0	ng	166757	4	11.20	1100390	20.0
Naphtho[1,2-b]nor...	11.95	5.0	ng	276024	4	11.20	1100390	20.0
Hexacosane	14.36	4.0	ng	210635	5	14.45	1060230	20.0
Eicosane	15.85	3.2	ng	106956	6	16.08	669811	20.0
Benzo[e]pyrene	15.97	4.3	ng	142451	6	16.08	669811	20.0
Dodecane, 2-methyl-	16.57	3.4	ng	112463	6	16.08	669811	20.0
unknown16.68	16.68	7.7	ng	259365	6	16.08	669811	20.0
unknown17.29	17.29	4.5	ng	149183	6	16.08	669811	20.0