

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF094987.D
 Acq On : 8 May 2017 19:00
 Operator : SJ/MA
 Sample : I3013-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-9-EAST

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	2.890	158	162	173	rBV	25474	54973	1.85%	0.192%
2	4.078	356	364	382	rBV	1445629	2809670	94.47%	9.788%
3	5.025	515	525	540	rBV	1288962	2974175	100.00%	10.362%
4	5.660	630	633	661	rBV	492017	904720	30.42%	3.152%
5	7.248	899	903	920	rBV	1201818	1715914	57.69%	5.978%
6	7.372	920	924	935	rVB	887140	1247075	41.93%	4.345%
7	7.713	978	982	993	rBV	491823	571122	19.20%	1.990%
8	7.948	1017	1022	1040	rBV	1549014	1895165	63.72%	6.602%
9	8.278	1074	1078	1092	rBV3	23614	66946	2.25%	0.233%
10	8.613	1130	1135	1153	rBV	1141827	1445383	48.60%	5.035%
11	9.731	1321	1325	1337	rBV	638090	811243	27.28%	2.826%
12	10.531	1456	1461	1463	rBV	33615	39834	1.34%	0.139%
13	10.807	1501	1508	1516	rVB	74207	97195	3.27%	0.339%
14	11.507	1622	1627	1639	rVB	2355452	2948131	99.12%	10.271%
15	11.725	1660	1664	1672	rVB	146318	183839	6.18%	0.640%
16	11.813	1672	1679	1683	rBV6	16408	41712	1.40%	0.145%
17	12.036	1713	1717	1721	rVB2	38172	48822	1.64%	0.170%
18	12.083	1721	1725	1732	rBV5	26209	52223	1.76%	0.182%
19	12.195	1739	1744	1751	rBV	191299	286045	9.62%	0.997%
20	12.248	1751	1753	1757	rVV	70516	79250	2.66%	0.276%
21	12.283	1757	1759	1766	rVB4	27550	35168	1.18%	0.123%
22	12.342	1766	1769	1774	rBV6	24707	38007	1.28%	0.132%
23	12.424	1779	1783	1790	rVB4	28479	41047	1.38%	0.143%
24	12.560	1802	1806	1809	rBV2	632736	770787	25.92%	2.685%
25	12.589	1809	1811	1817	rVB	214964	234314	7.88%	0.816%
26	12.772	1837	1842	1848	rVV	24773	49822	1.68%	0.174%
27	12.930	1863	1869	1873	rBV2	34737	53682	1.80%	0.187%
28	12.995	1877	1880	1887	rVB3	35540	75470	2.54%	0.263%
29	13.066	1887	1892	1896	rBV3	18867	33012	1.11%	0.115%
30	13.113	1896	1900	1905	rVB2	83461	110264	3.71%	0.384%
31	13.172	1905	1910	1916	rBV3	43360	72954	2.45%	0.254%
32	13.260	1916	1925	1927	rBV8	21208	50463	1.70%	0.176%
33	13.407	1946	1950	1954	rVV	243831	268281	9.02%	0.935%
34	13.466	1954	1960	1967	rVB9	30308	61793	2.08%	0.215%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.766	2002	2011	2015	rBV	96504	178613	6.01%	0.622%
36	13.860	2022	2027	2033	rBV	216474	341499	11.48%	1.190%
37	14.089	2062	2066	2070	rVB2	38243	46778	1.57%	0.163%
38	14.177	2077	2081	2084	rBV	240174	331223	11.14%	1.154%
39	14.201	2084	2085	2091	rVB2	142691	144014	4.84%	0.502%
40	14.495	2132	2135	2141	rVB6	22547	35738	1.20%	0.125%
41	14.548	2141	2144	2148	rVB4	25511	32199	1.08%	0.112%
42	14.601	2148	2153	2156	rBV6	28759	42501	1.43%	0.148%
43	14.648	2158	2161	2165	rVB2	27467	32194	1.08%	0.112%
44	14.695	2165	2169	2172	rBV4	19900	32975	1.11%	0.115%
45	14.913	2201	2206	2210	rBV	214577	263719	8.87%	0.919%
46	14.960	2210	2214	2219	rVV	695929	933273	31.38%	3.251%
47	15.001	2219	2221	2225	rVB	58992	66357	2.23%	0.231%
48	15.189	2248	2253	2261	rBV8	24446	63230	2.13%	0.220%
49	15.501	2302	2306	2314	rBV5	30488	57579	1.94%	0.201%
50	15.571	2314	2318	2323	rVV	231281	235802	7.93%	0.821%
51	15.630	2324	2328	2333	rVB5	21772	33222	1.12%	0.116%
52	15.748	2345	2348	2352	rBV	55296	62702	2.11%	0.218%
53	15.795	2352	2356	2365	rVB	65757	114951	3.86%	0.400%
54	15.913	2372	2376	2378	rBV3	25275	43610	1.47%	0.152%
55	16.042	2395	2398	2404	rBV5	24915	33042	1.11%	0.115%
56	16.165	2415	2419	2425	rBV	216510	254582	8.56%	0.887%
57	16.477	2470	2472	2476	rVB2	26820	29879	1.00%	0.104%
58	16.560	2481	2486	2493	rVB5	44584	98332	3.31%	0.343%
59	16.624	2493	2497	2499	rVB2	28513	34330	1.15%	0.120%
60	16.707	2508	2511	2516	rBV	192034	219598	7.38%	0.765%
61	16.901	2541	2544	2548	rBV3	34401	52402	1.76%	0.183%
62	17.136	2581	2584	2589	rVB3	78700	100766	3.39%	0.351%
63	17.212	2593	2597	2600	rBV	125962	132408	4.45%	0.461%
64	17.295	2605	2611	2619	rVB	1932683	2403367	80.81%	8.373%
65	17.648	2667	2671	2673	rBV3	34598	40979	1.38%	0.143%
66	17.677	2673	2676	2681	rVB	83722	95911	3.22%	0.334%
67	17.836	2701	2703	2708	rBV2	31614	36493	1.23%	0.127%
68	17.936	2717	2720	2723	rBV4	29771	44000	1.48%	0.153%
69	18.059	2738	2741	2744	rBV2	54333	56868	1.91%	0.198%
70	18.124	2748	2752	2755	rVB2	80594	92564	3.11%	0.322%
71	18.271	2774	2777	2785	rBV4	34465	74187	2.49%	0.258%

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72	18.542	2820	2823	2827	rBV	68607	75786	2.55%	0.264%
73	18.636	2834	2839	2844	rBV	473389	617944	20.78%	2.153%
74	18.942	2888	2891	2898	rVB2	60148	91513	3.08%	0.319%
75	19.065	2910	2912	2918	rVB2	33170	42505	1.43%	0.148%
76	19.324	2954	2956	2961	rVB	40950	49782	1.67%	0.173%
77	19.448	2974	2977	2983	rVB2	33352	43026	1.45%	0.150%
78	19.700	3017	3020	3023	rBV3	28513	31716	1.07%	0.110%
79	19.765	3028	3031	3035	rVB	41079	46899	1.58%	0.163%
80	20.048	3077	3079	3084	rBV4	32181	33123	1.11%	0.115%
81	20.300	3118	3122	3132	rVB	476223	611311	20.55%	2.130%

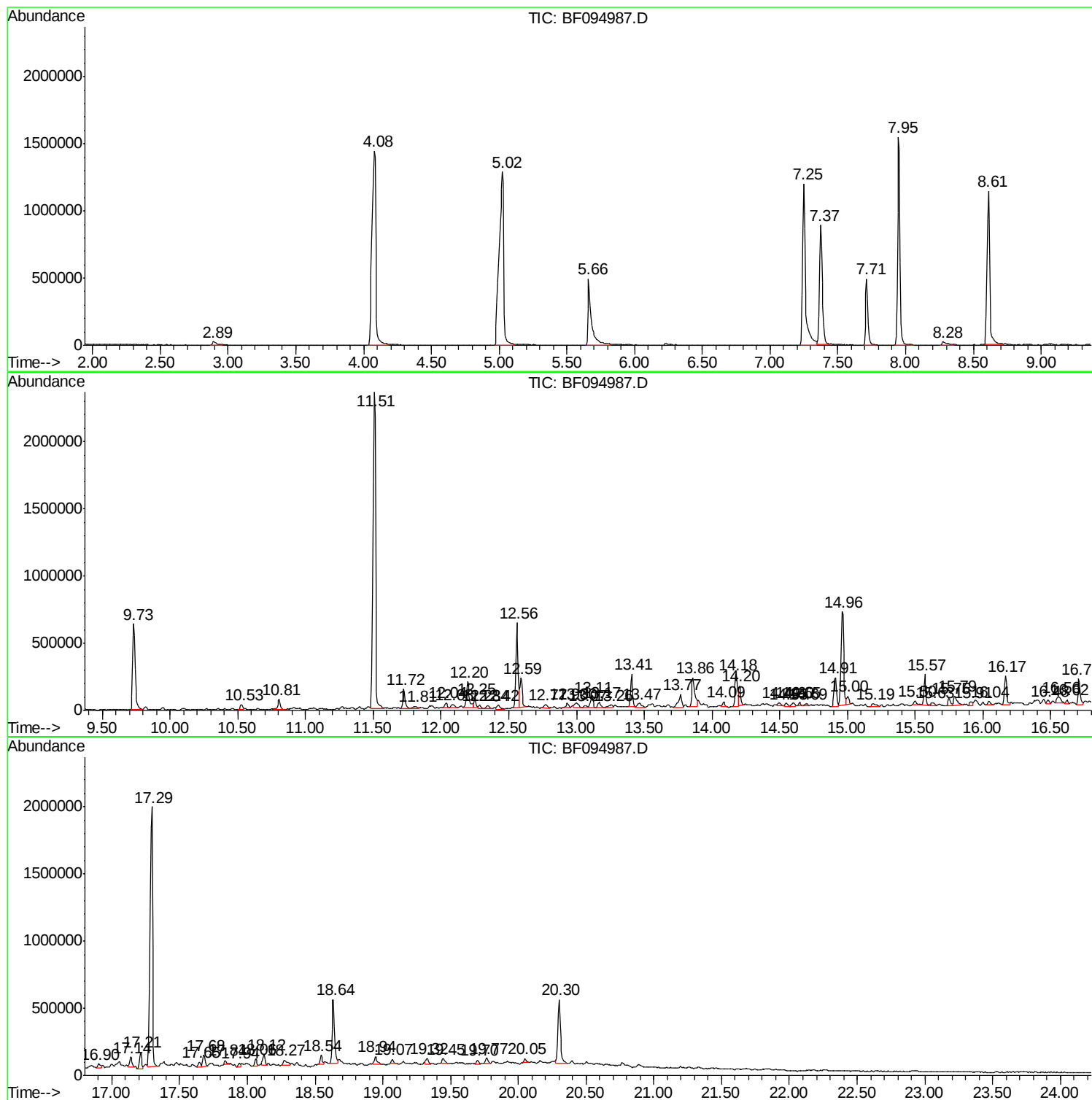
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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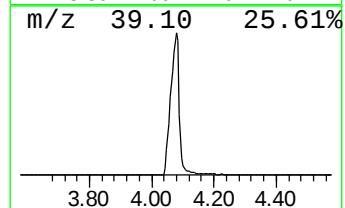
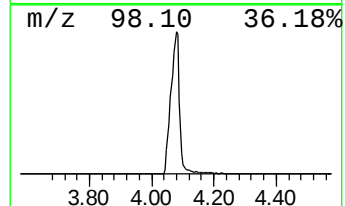
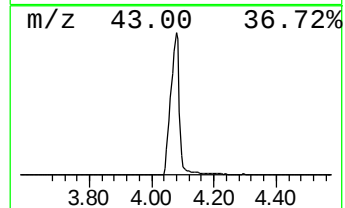
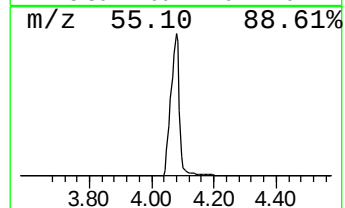
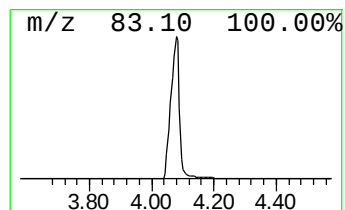
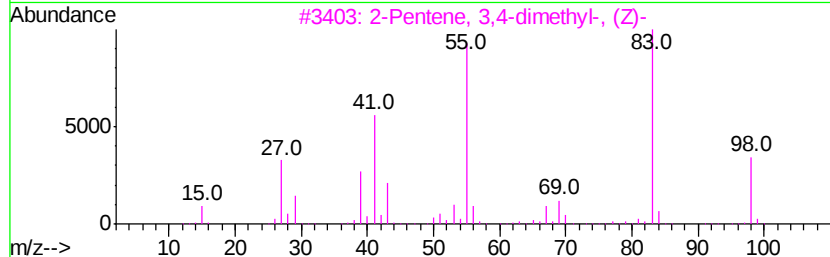
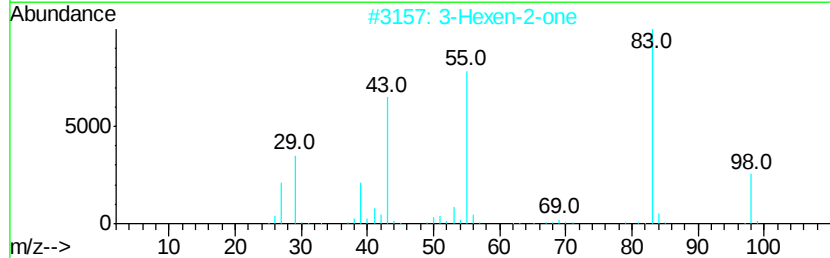
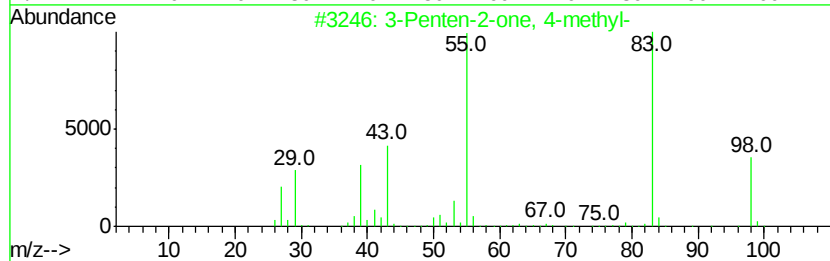
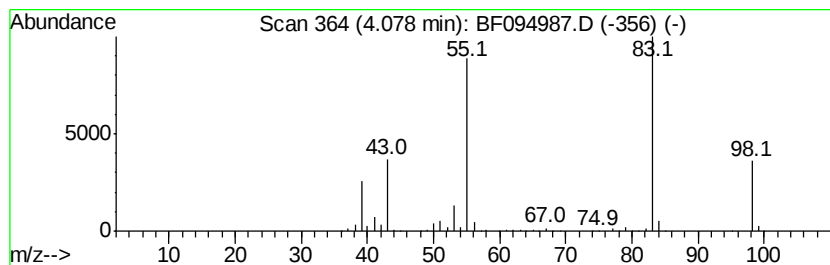
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.08	98.39 ng	2809670	1,4-Dichlorobenzene-d4	7.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2		3-Hexen-2-one	98	C6H10O	000763-93-9	91
3		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
4		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
5		2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80



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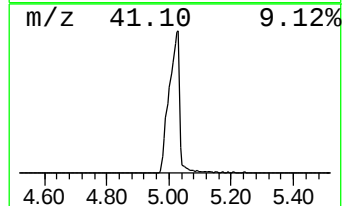
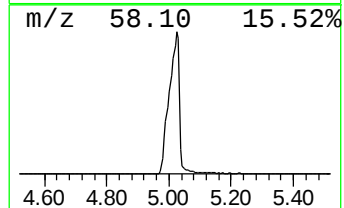
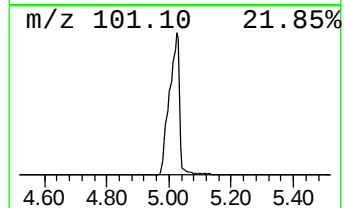
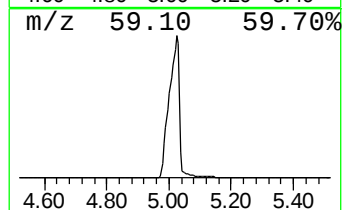
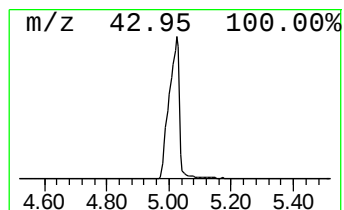
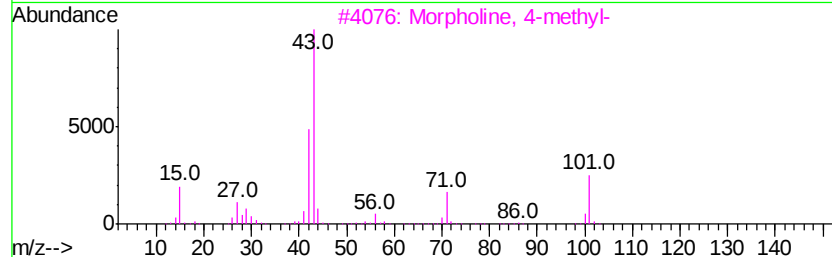
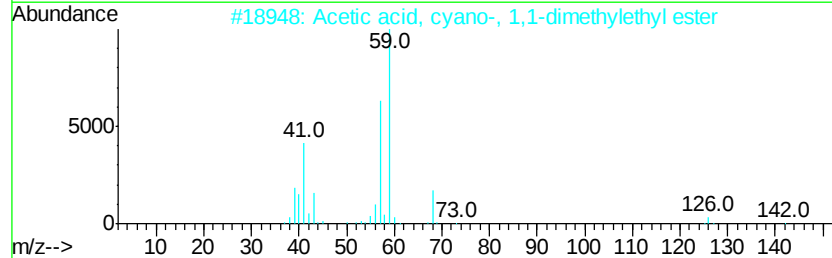
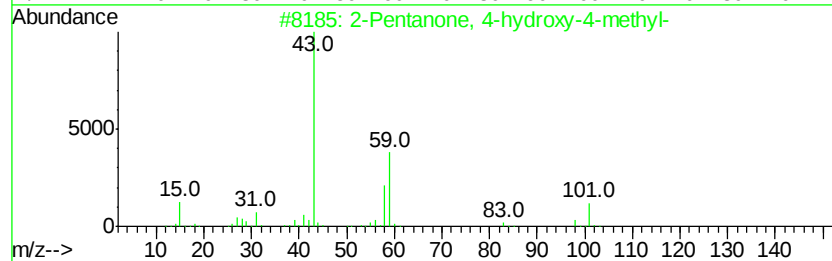
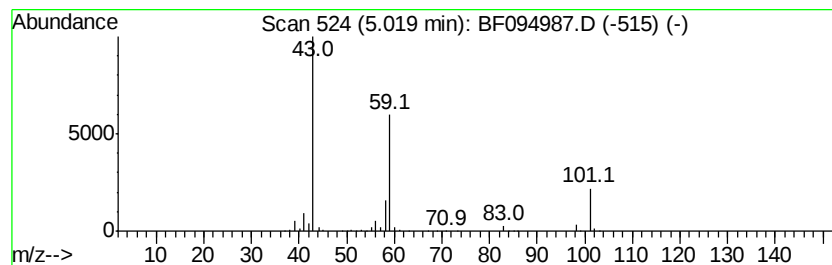
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	104.15 ng	2974180	1,4-Dichlorobenzene-d4	7.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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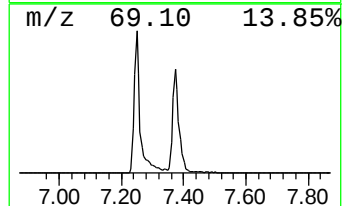
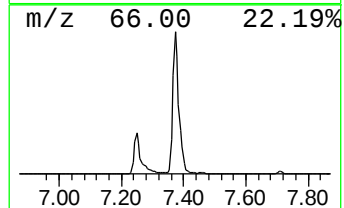
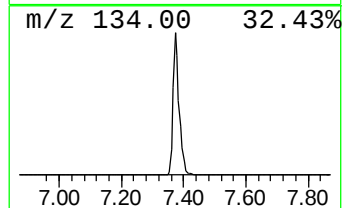
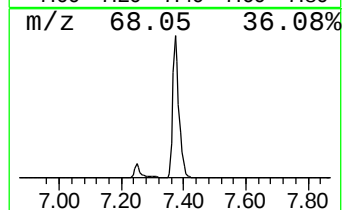
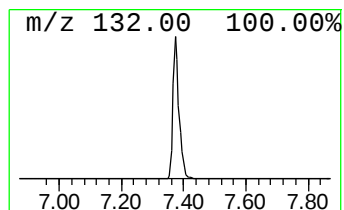
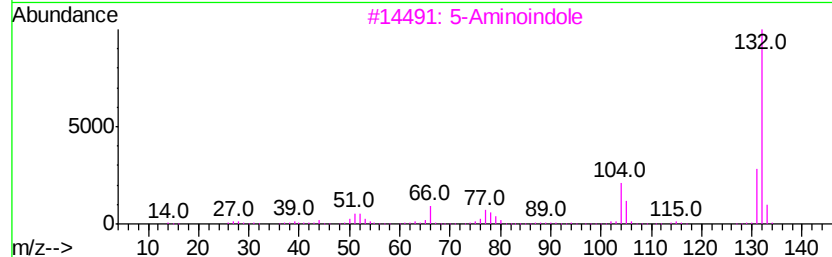
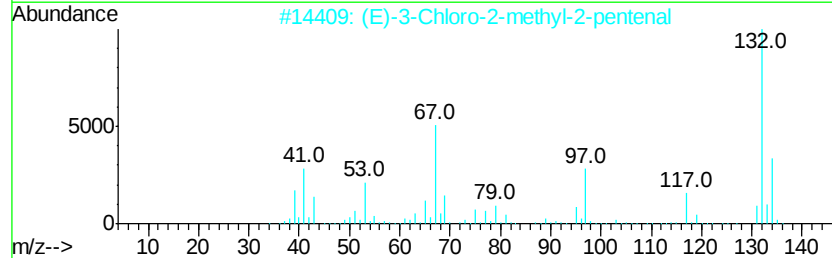
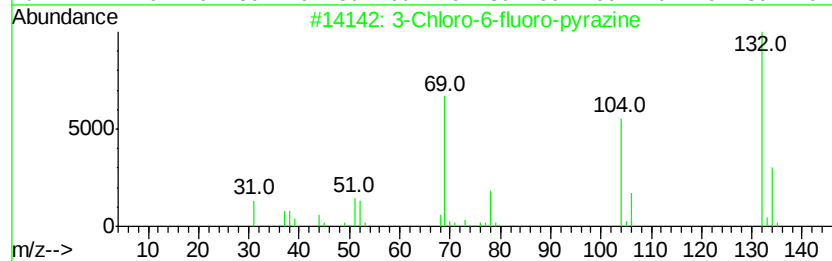
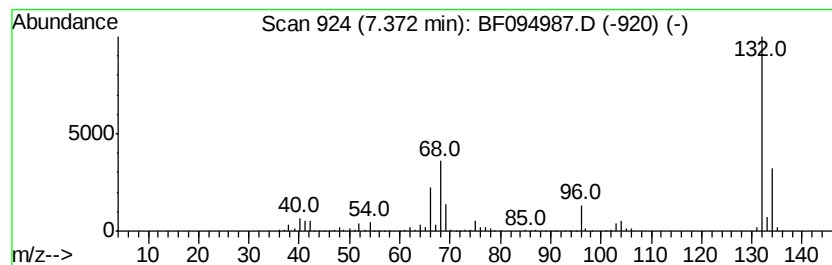
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.37 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	43.67 ng	1247080	1,4-Dichlorobenzene-d4	7.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3			5-Aminoindole	132	C8H8N2	005192-03-0	12
4			4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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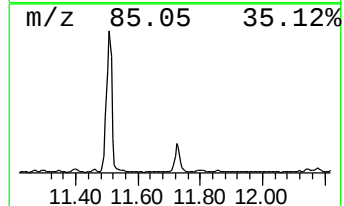
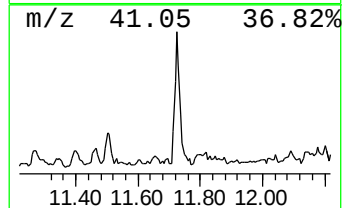
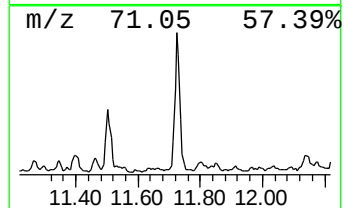
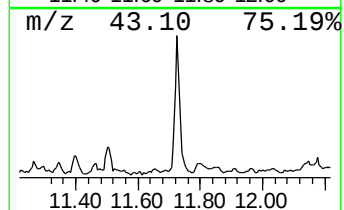
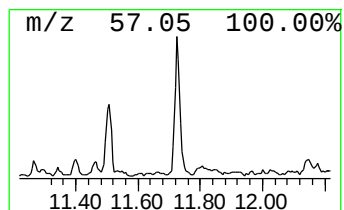
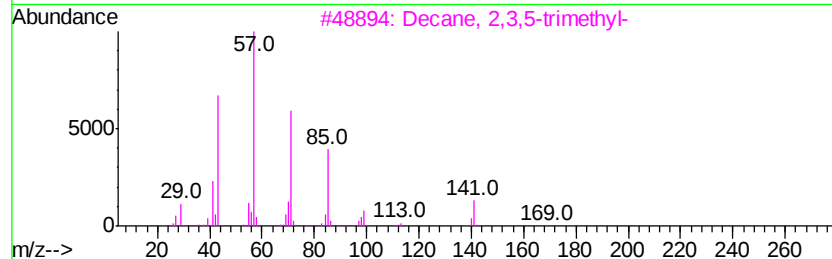
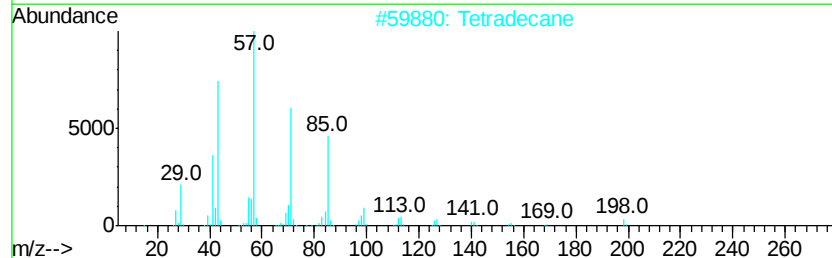
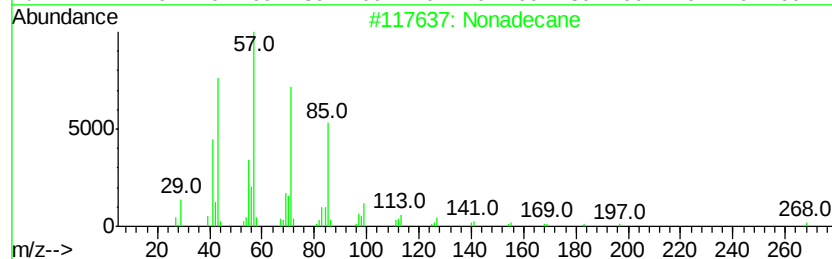
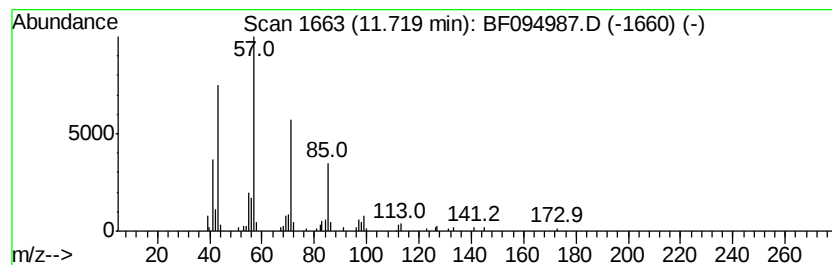
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 5 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	4.77 ng	183839	Acenaphthene-d10	12.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	90
2	Tetradecane		198	C14H30	000629-59-4	86
3	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	83
4	Nonane, 5-butyl-		184	C13H28	017312-63-9	80
5	Hexadecane		226	C16H34	000544-76-3	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
Data File : BF094987.D
Acq On : 8 May 2017 19:00
Operator : SJ/MA
Sample : I3013-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-9-EAST

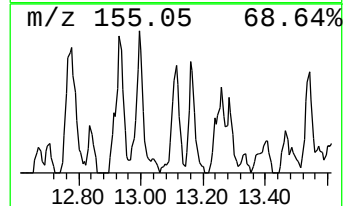
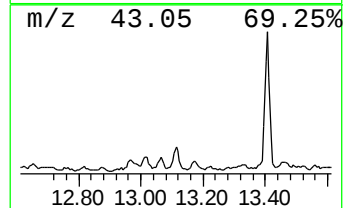
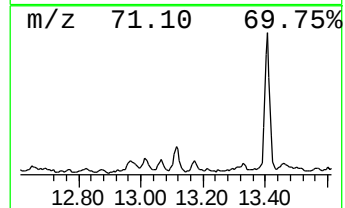
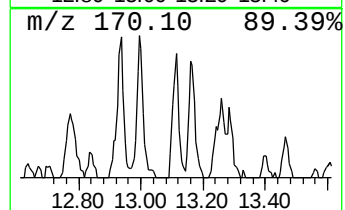
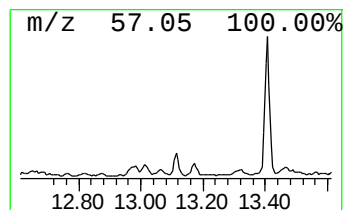
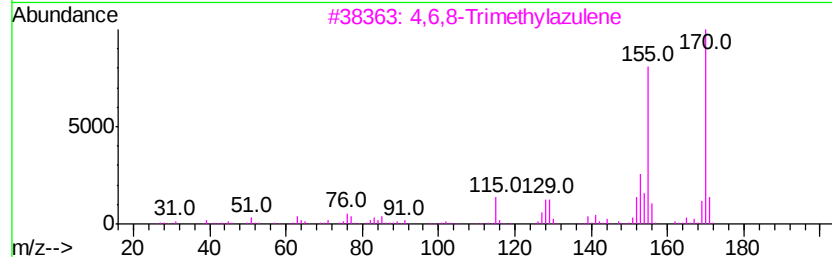
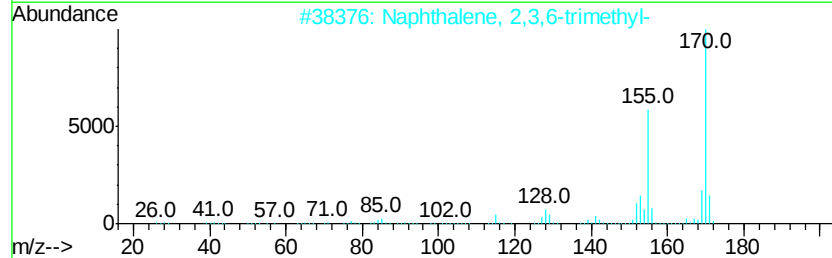
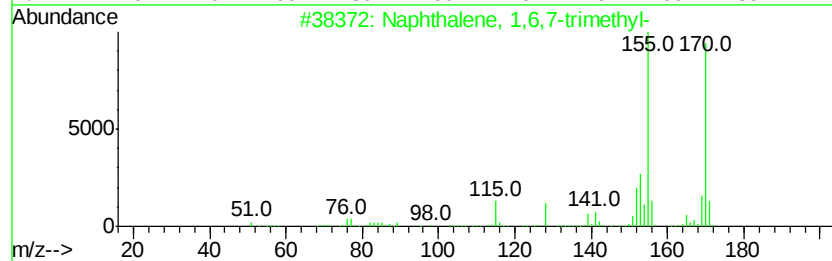
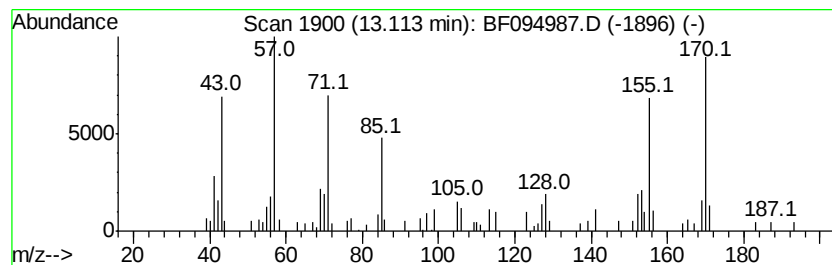
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	2.86 ng	110264	Acenaphthene-d10	12.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
3		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	86
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	64
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
Data File : BF094987.D
Acq On : 8 May 2017 19:00
Operator : SJ/MA
Sample : I3013-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E2-CONCRETE-9-EAST

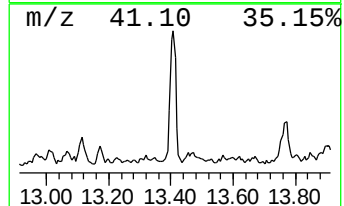
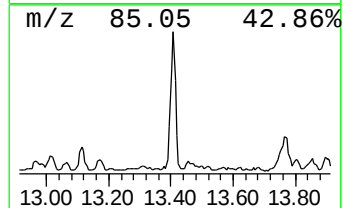
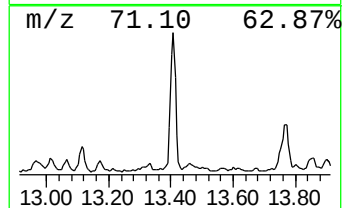
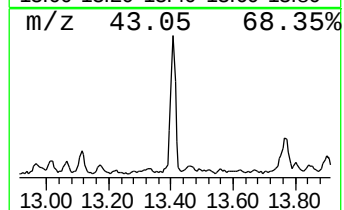
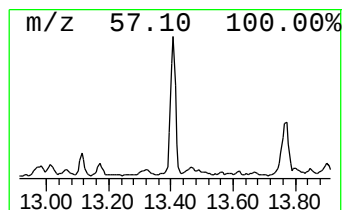
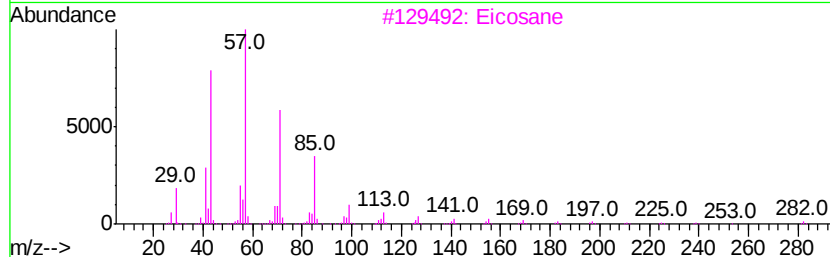
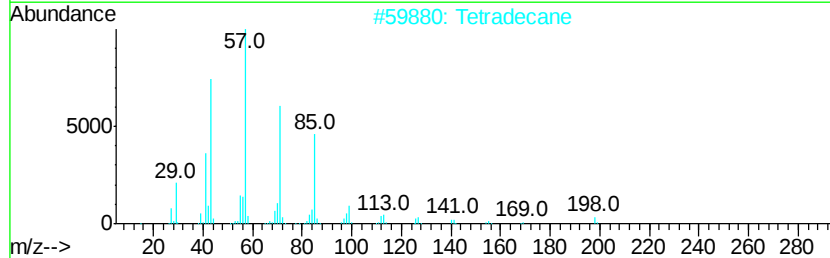
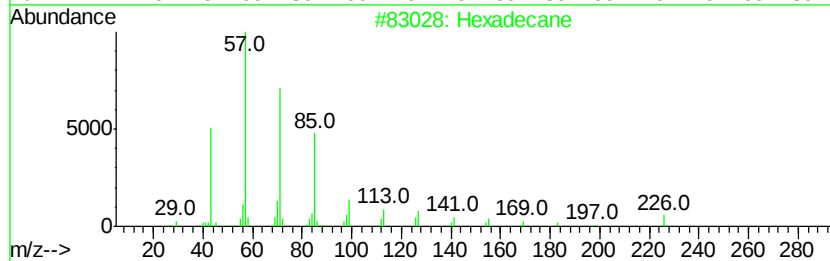
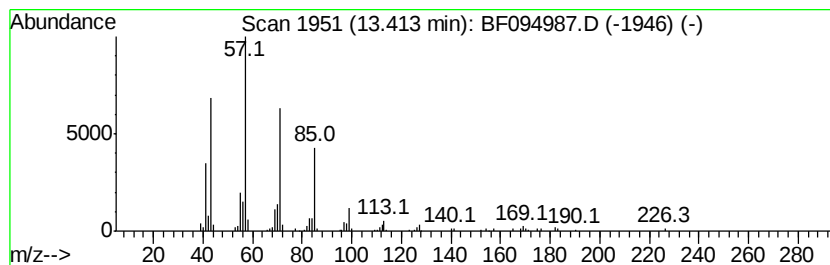
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	6.96 ng	268281	Acenaphthene-d10	12.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Tetradecane	198	C14H30	000629-59-4	91
3		Eicosane	282	C20H42	000112-95-8	90
4		Octadecane	254	C18H38	000593-45-3	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
Data File : BF094987.D
Acq On : 8 May 2017 19:00
Operator : SJ/MA
Sample : I3013-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

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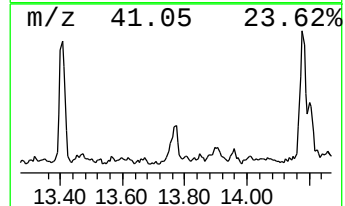
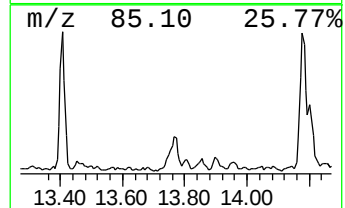
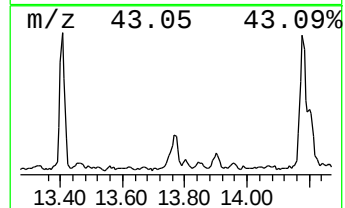
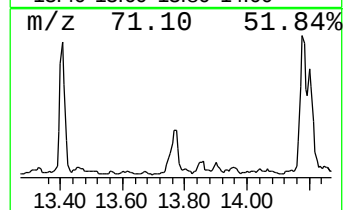
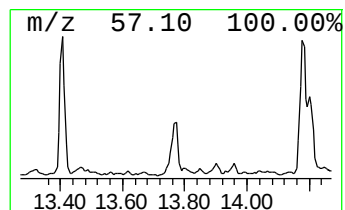
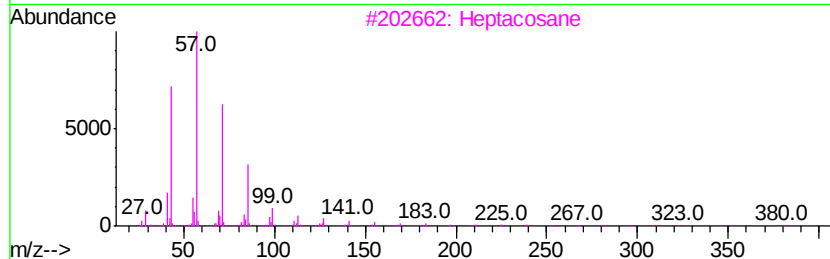
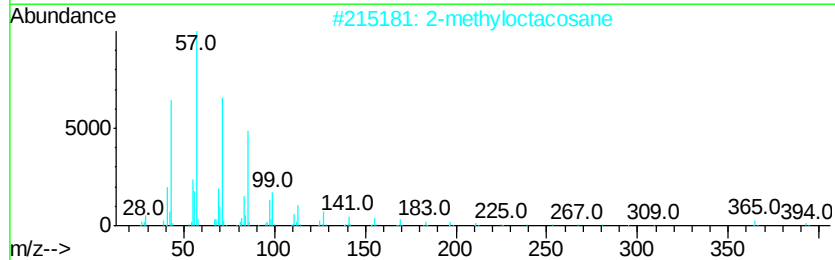
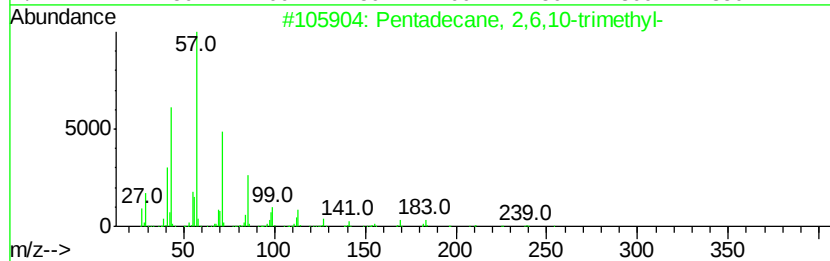
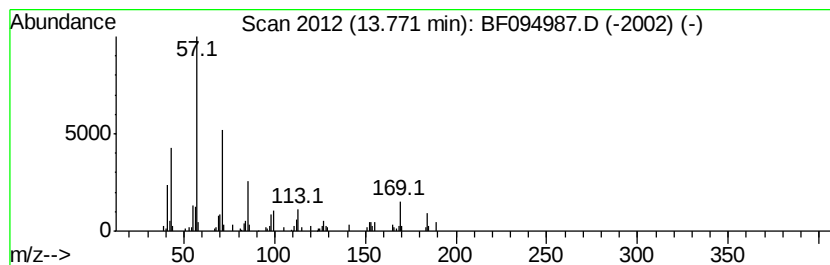
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane, 2,6,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	3.83 ng	178613	Phenanthrene-d10	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	59
2		2-methyloctacosane	408	C29H60	1000376-72-8	53
3		Heptacosane	380	C27H56	000593-49-7	53
4		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	52
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094987.D
Acq On : 8 May 2017 19:00
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Instrument :
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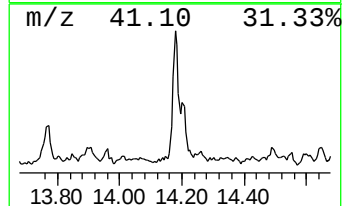
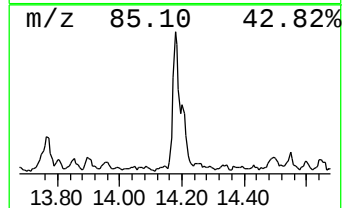
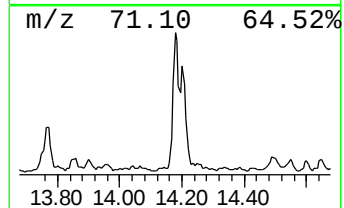
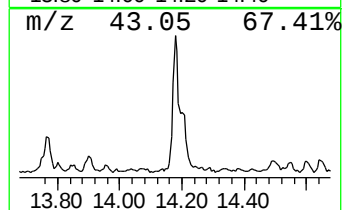
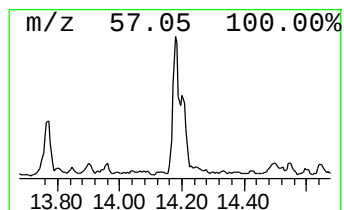
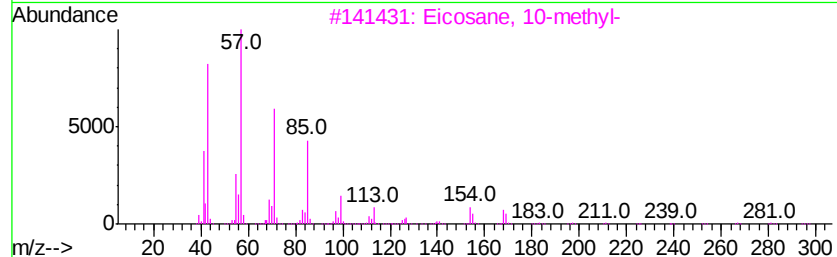
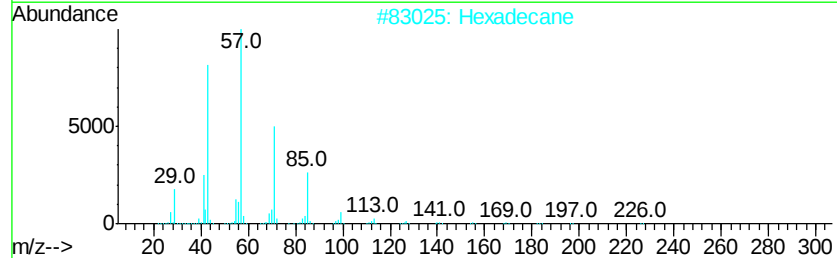
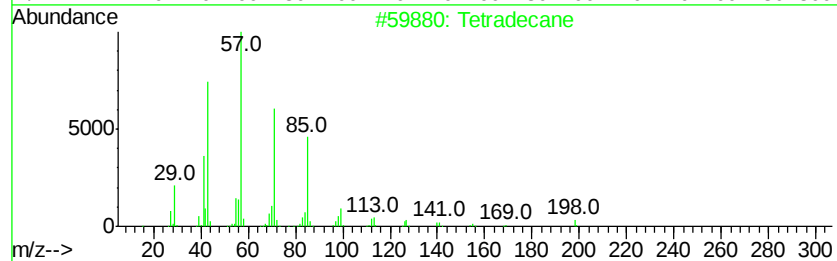
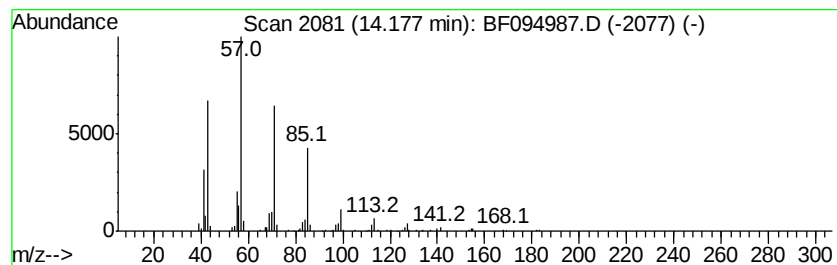
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	7.10 ng	331223	Phenanthrene-d10	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
4		Pentadecane	212	C15H32	000629-62-9	80
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



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Data File : BF094987.D
Acq On : 8 May 2017 19:00
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E2-CONCRETE-9-EAST

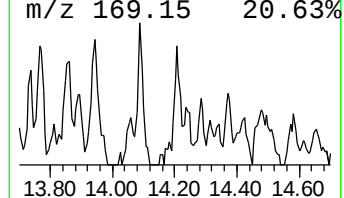
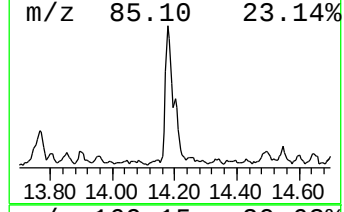
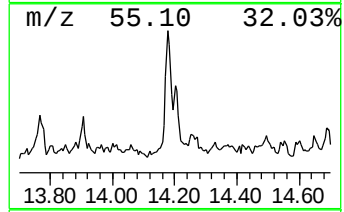
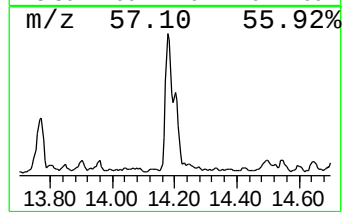
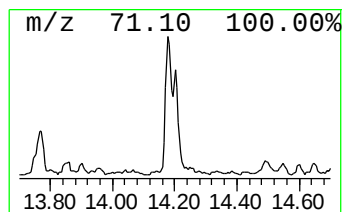
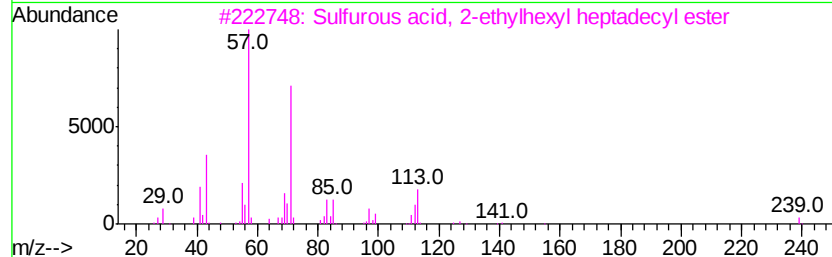
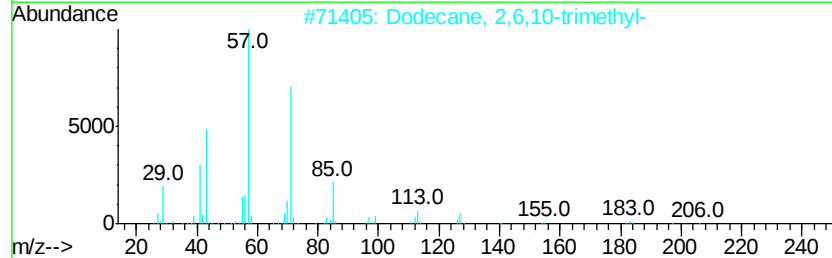
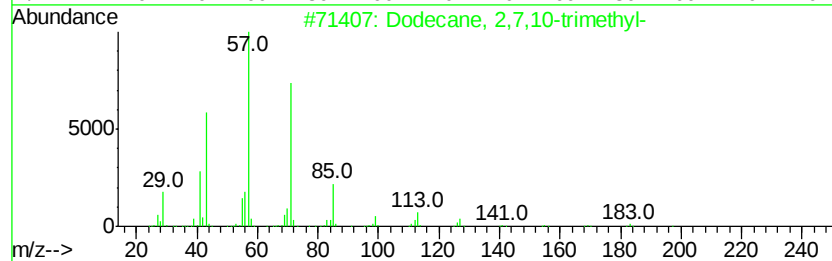
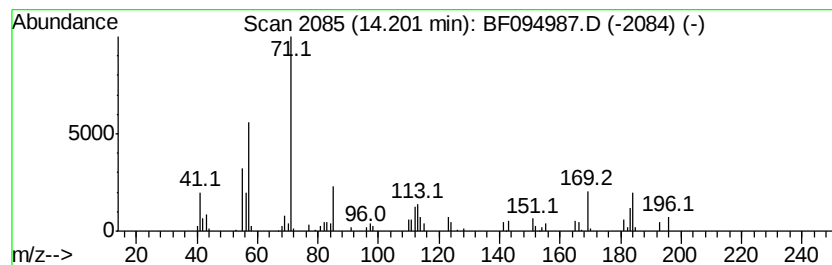
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 2,7,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	3.09 ng	144014	Phenanthrene-d10	14.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	40
3			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	37
4			Oxalic acid, ethyl neopentyl ester	188	C9H16O4	1000309-72-4	32
5			Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
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Operator : SJ/MA
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E2-CONCRETE-9-EAST

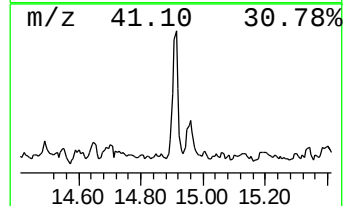
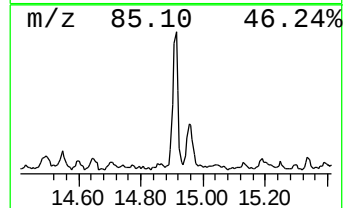
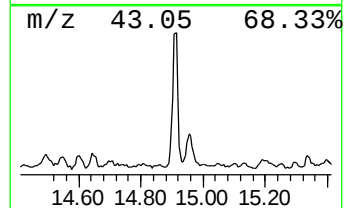
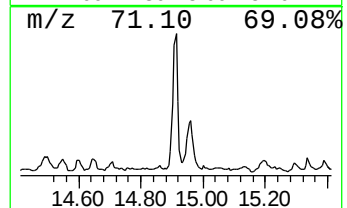
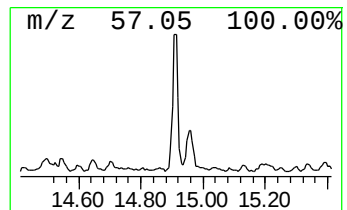
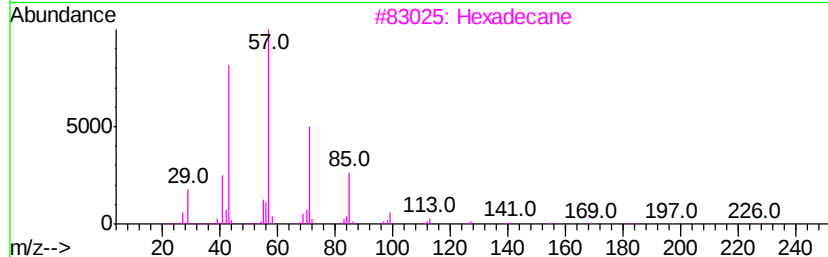
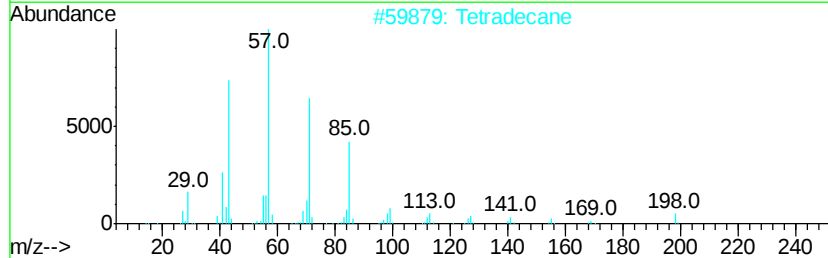
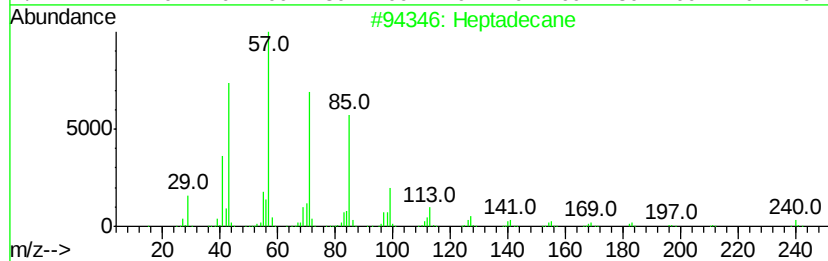
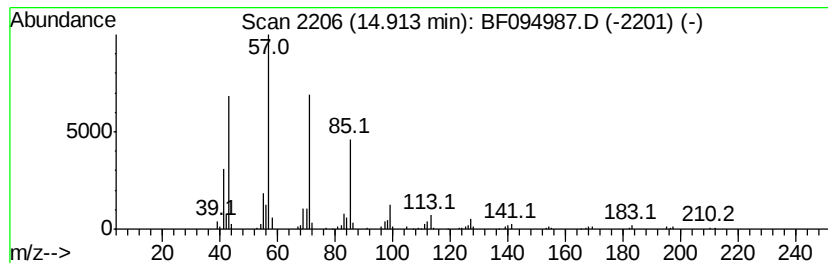
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	5.65 ng	263719	Phenanthrene-d10	14.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	91
2			Tetradecane	198	C14H30	000629-59-4	91
3			Hexadecane	226	C16H34	000544-76-3	90
4			Heneicosane	296	C21H44	000629-94-7	90
5			Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
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Acq On : 8 May 2017 19:00
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-9-EAST

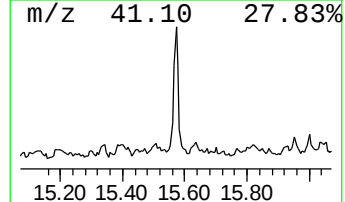
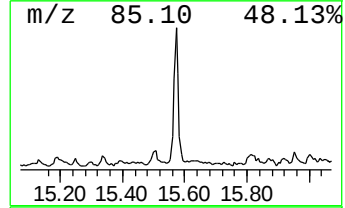
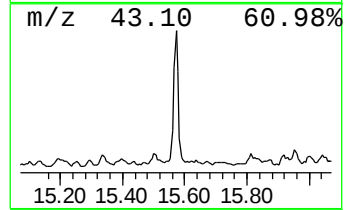
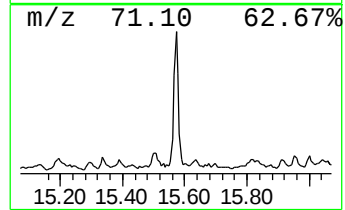
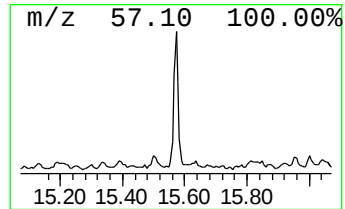
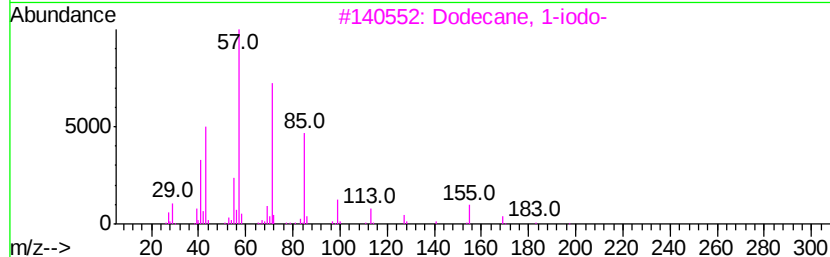
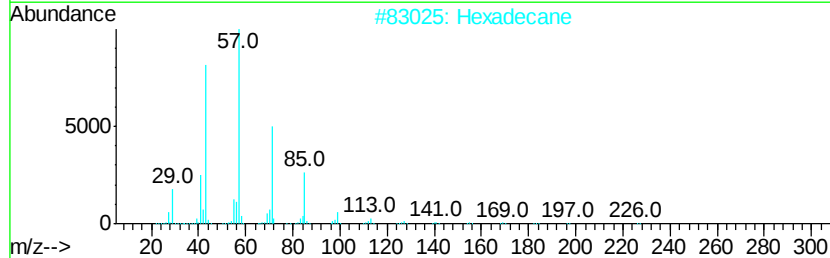
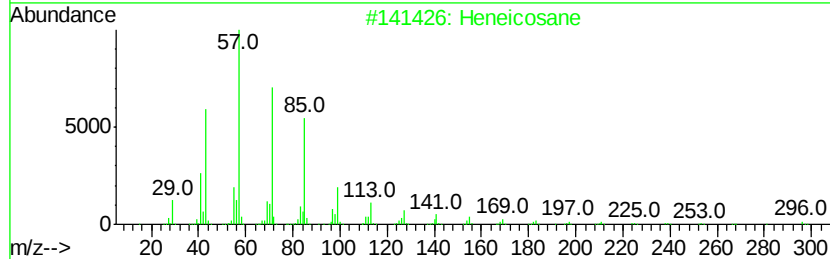
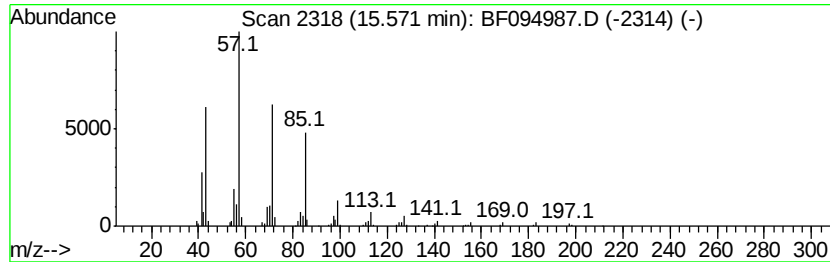
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	5.05 ng	235802	Phenanthrene-d10	14.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	90
2			Hexadecane	226	C16H34	000544-76-3	90
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
5			Tetracosane	338	C24H50	000646-31-1	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094987.D
Acq On : 8 May 2017 19:00
Operator : SJ/MA
Sample : I3013-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-9-EAST

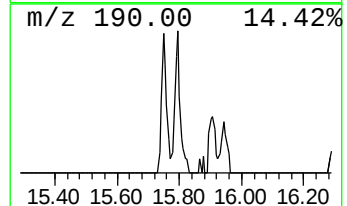
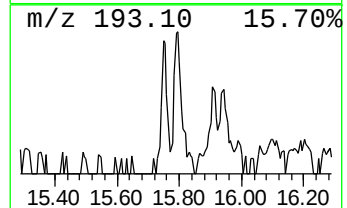
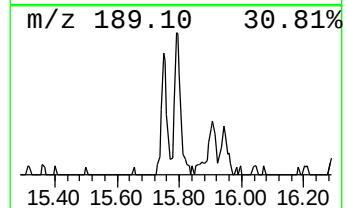
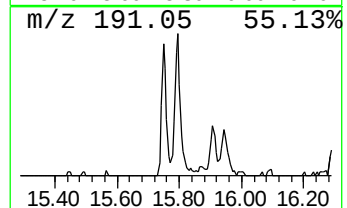
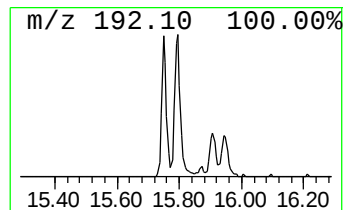
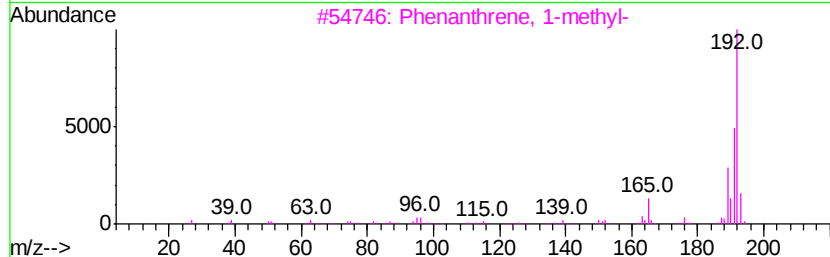
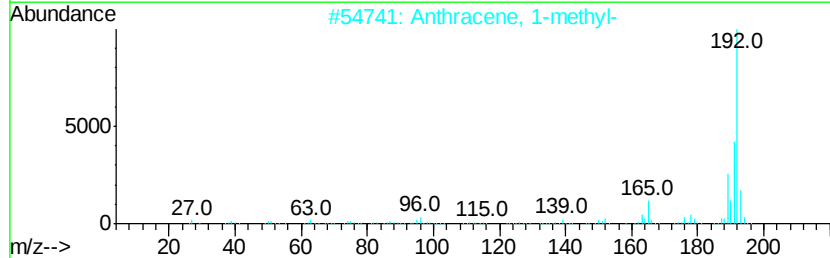
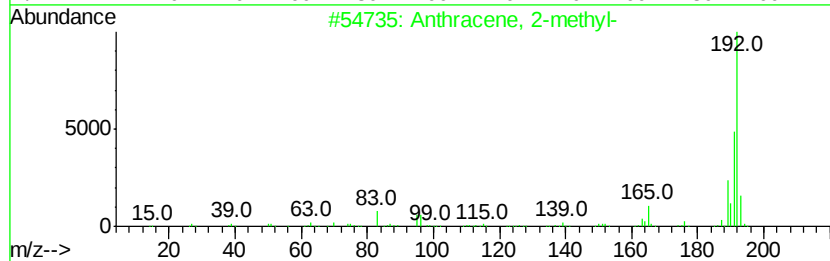
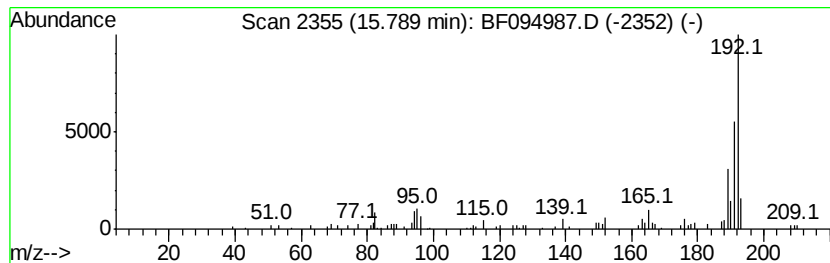
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Anthracene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	2.46 ng	114951	Phenanthrene-d10	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
Data File : BF094987.D
Acq On : 8 May 2017 19:00
Operator : SJ/MA
Sample : I3013-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E2-CONCRETE-9-EAST

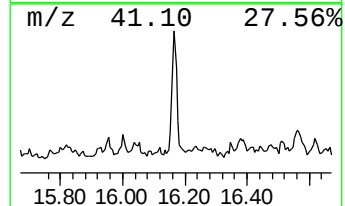
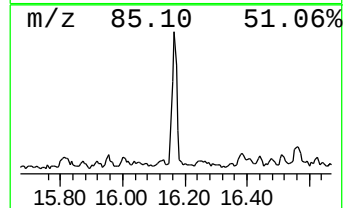
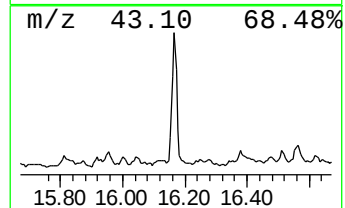
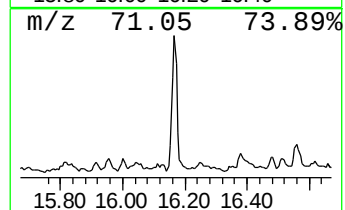
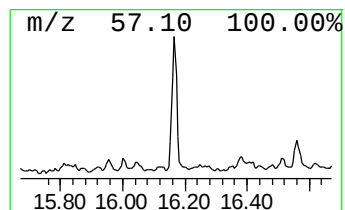
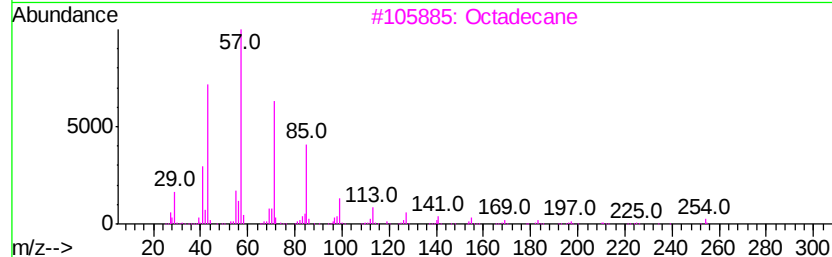
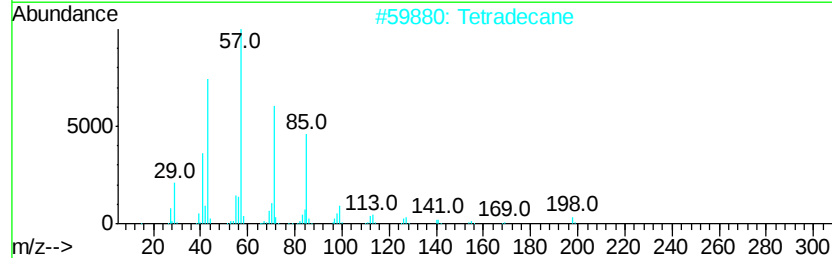
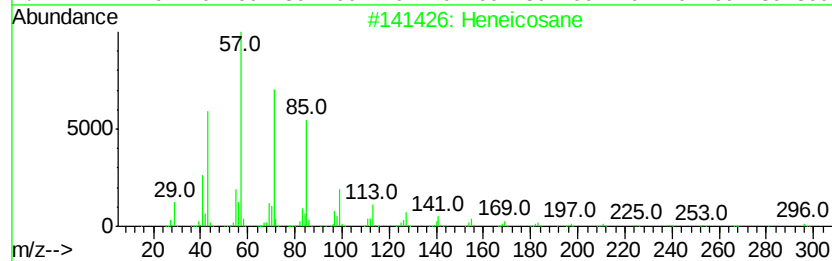
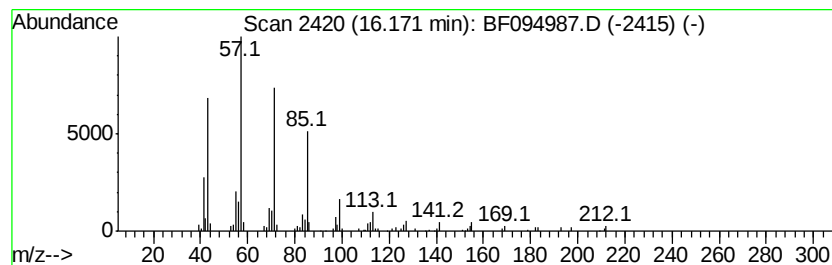
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2-Bromo dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	5.46 ng	254582	Phenanthrene-d10	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetradecane	198	C14H30	000629-59-4	87
3		Octadecane	254	C18H38	000593-45-3	86
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	86
5		Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094987.D
Acq On : 8 May 2017 19:00
Operator : SJ/MA
Sample : I3013-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E2-CONCRETE-9-EAST

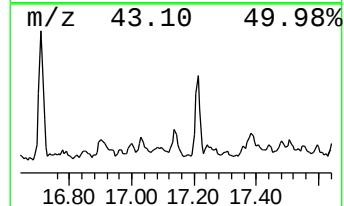
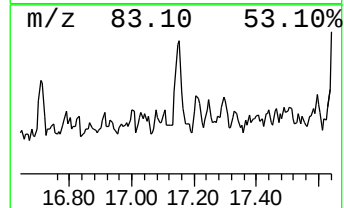
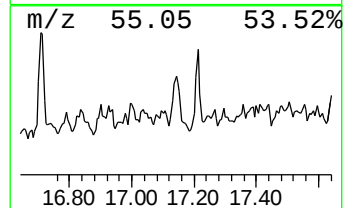
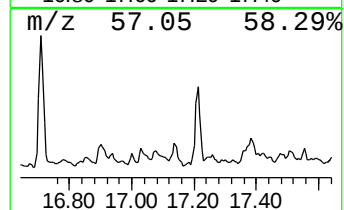
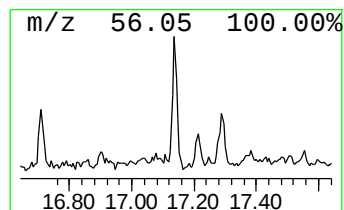
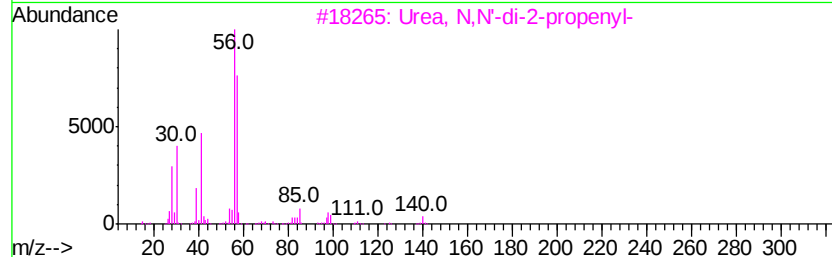
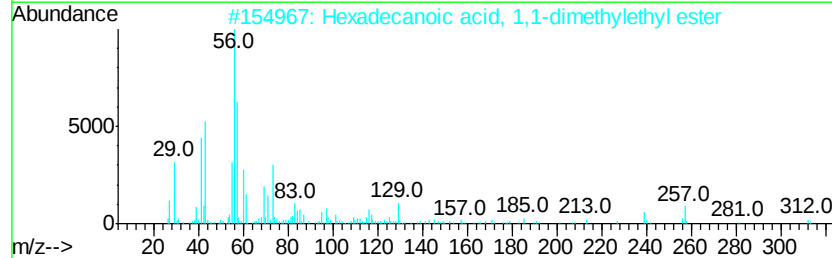
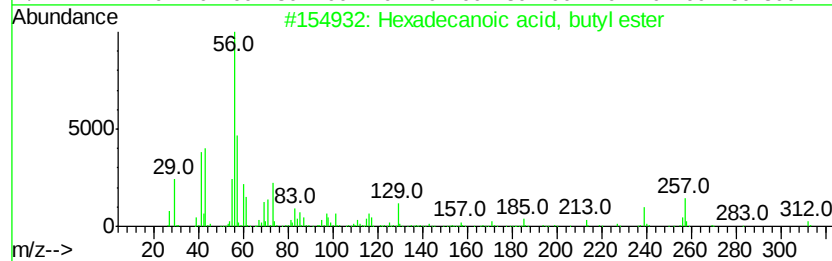
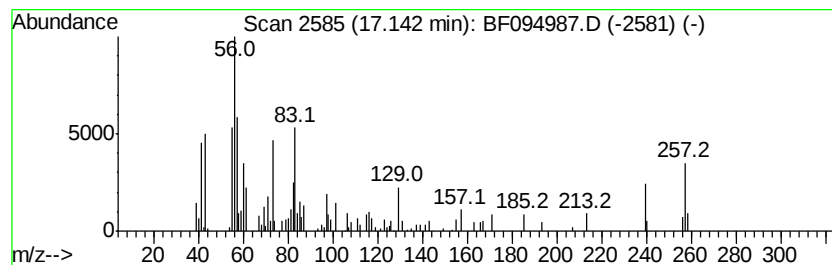
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecanoic acid, butyl ester Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.14	3.26 ng	100766	Chrysene-d12	18.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	72
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	64
3		Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	38
4		Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	35
5		trans-2-Aminocyclohexanol	115	C6H13NO	006982-39-4	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
Data File : BF094987.D
Acq On : 8 May 2017 19:00
Operator : SJ/MA
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Misc :
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Instrument :
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ClientSampleId :
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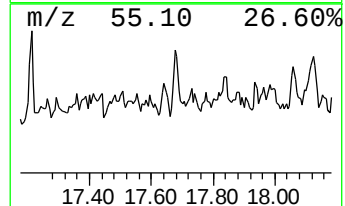
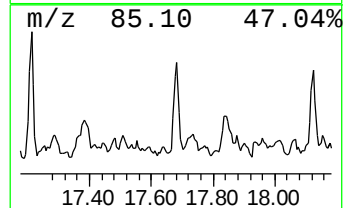
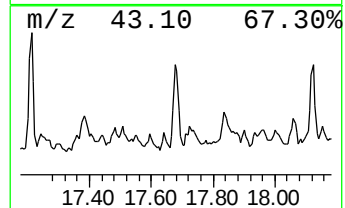
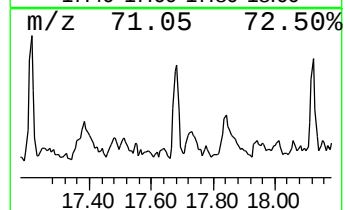
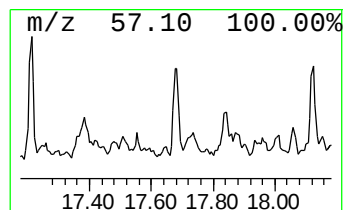
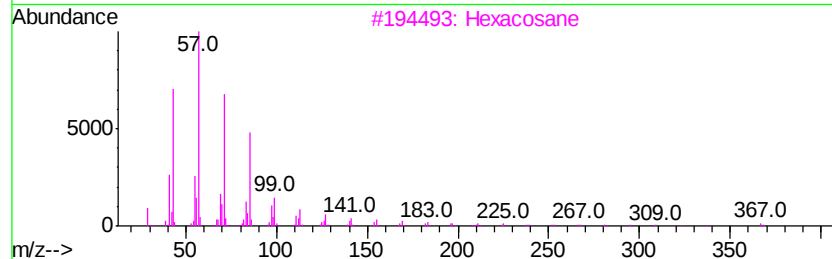
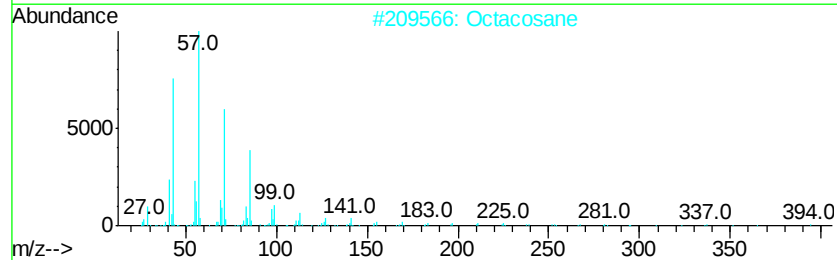
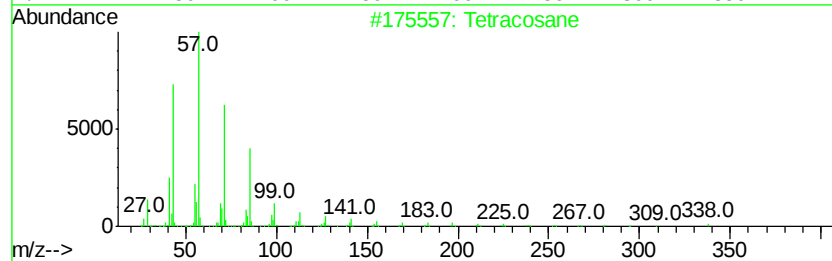
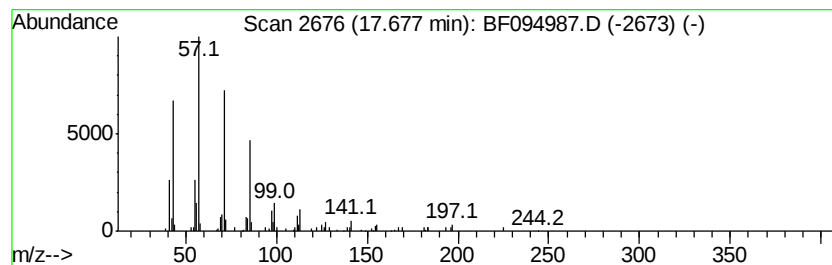
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetracosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.68	3.10 ng	95911	Chrysene-d12	18.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Tetratetracontane	619	C44H90	007098-22-8	91
5		Docosane	310	C22H46	000629-97-0	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094987.D
Acq On : 8 May 2017 19:00
Operator : SJ/MA
Sample : I3013-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E2-CONCRETE-9-EAST

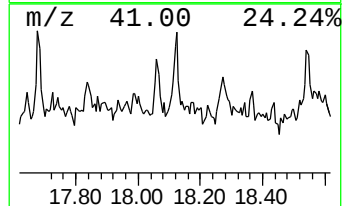
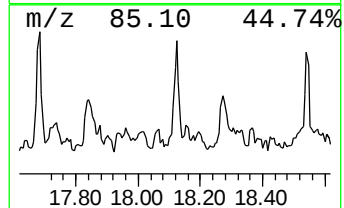
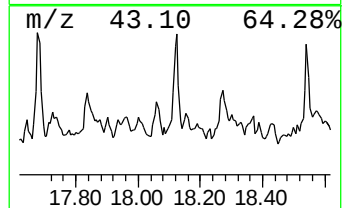
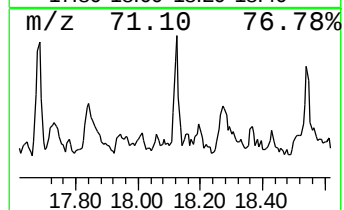
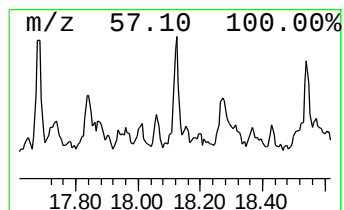
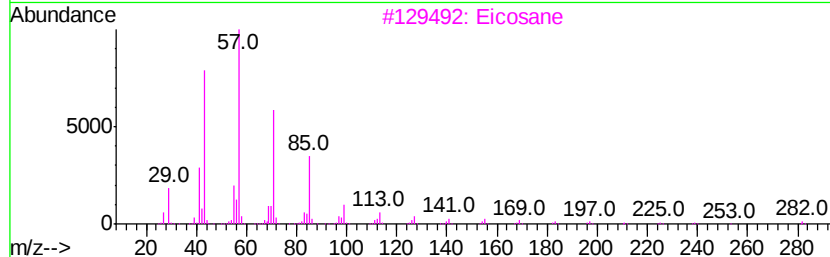
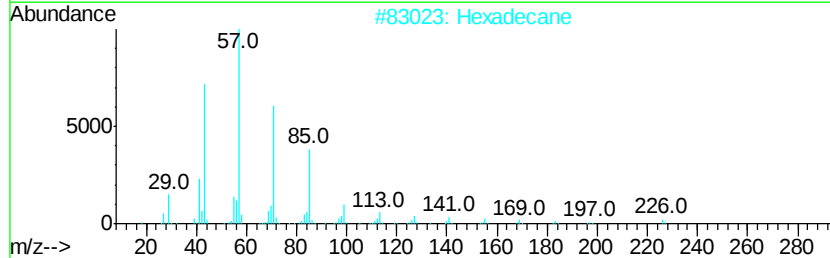
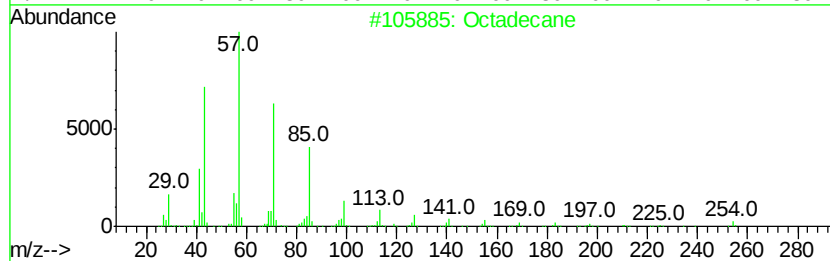
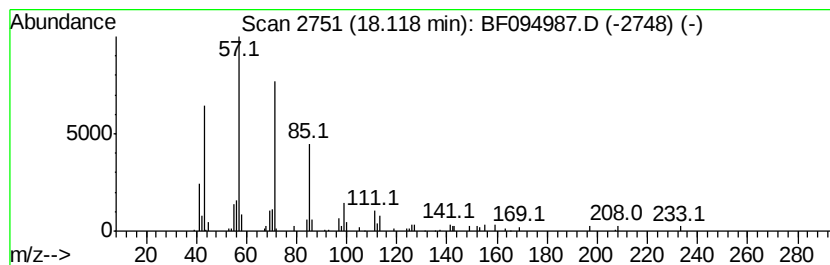
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	3.00 ng	92564	Chrysene-d12	18.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	86
2			Hexadecane	226	C16H34	000544-76-3	80
3			Eicosane	282	C20H42	000112-95-8	72
4			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72
5			Heptadecane	240	C17H36	000629-78-7	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
Data File : BF094987.D
Acq On : 8 May 2017 19:00
Operator : SJ/MA
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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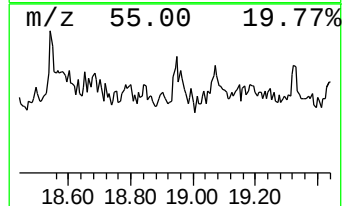
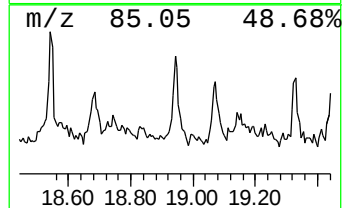
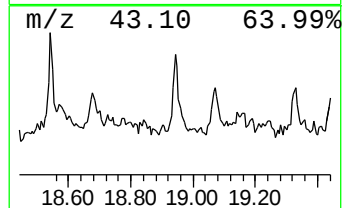
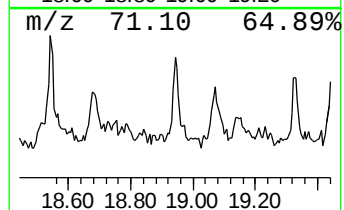
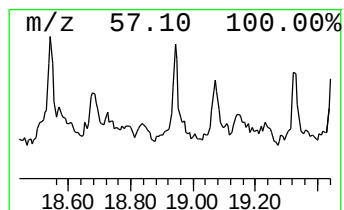
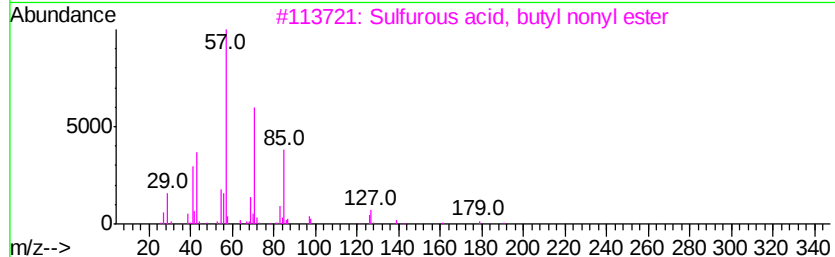
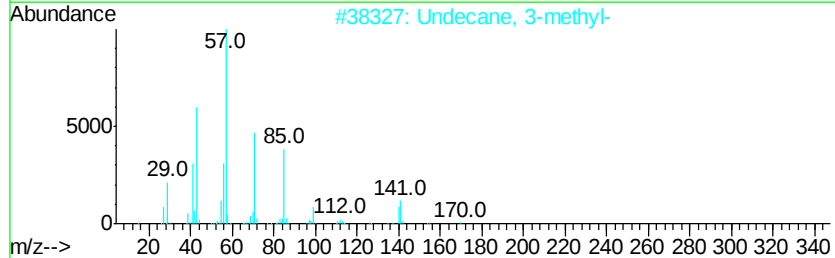
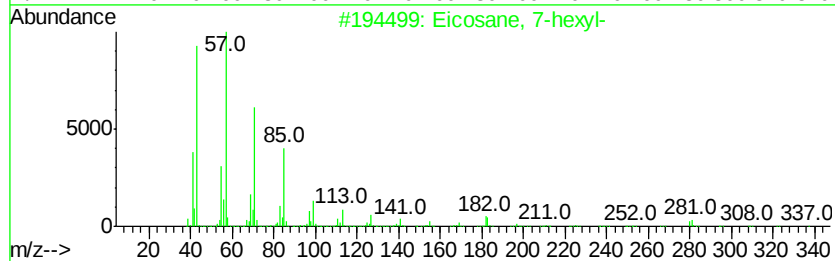
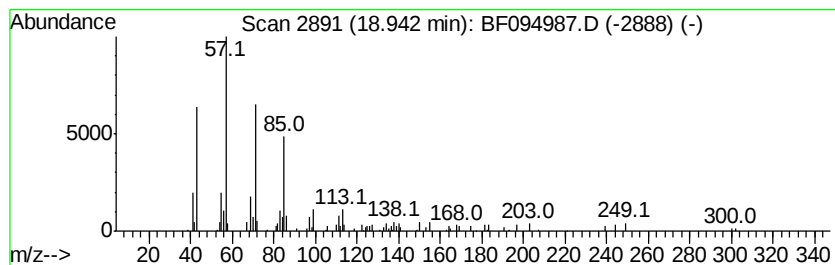
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Eicosane, 7-hexyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	2.96 ng	91513	Chrysene-d12	18.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	72
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	64
3		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	53
4		Hentriacontane	437	C31H64	000630-04-6	53
5		Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
 Data File : BF094987.D
 Acq On : 8 May 2017 19:00
 Operator : SJ/MA
 Sample : I3013-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-9-EAST

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
3-Penten-2-one, 4...	4.08	98.4	ng	2809670	1	7.71	571122	20.0
2-Pentanone, 4-hy...	5.02	104.2	ng	2974180	1	7.71	571122	20.0
unknown7.37	7.37	43.7	ng	1247080	1	7.71	571122	20.0
Nonadecane	11.72	4.8	ng	183839	3	12.56	770787	20.0
Naphthalene, 1,6,...	13.11	2.9	ng	110264	3	12.56	770787	20.0
Hexadecane	13.41	7.0	ng	268281	3	12.56	770787	20.0
Pentadecane, 2,6,...	13.77	3.8	ng	178613	4	14.97	933273	20.0
Tetradecane	14.18	7.1	ng	331223	4	14.97	933273	20.0
Dodecane, 2,7,10-...	14.20	3.1	ng	144014	4	14.97	933273	20.0
Heptadecane	14.91	5.7	ng	263719	4	14.97	933273	20.0
Heneicosane	15.57	5.0	ng	235802	4	14.97	933273	20.0
Anthracene, 2-met...	15.79	2.5	ng	114951	4	14.97	933273	20.0
2-Bromo dodecane	16.17	5.5	ng	254582	4	14.97	933273	20.0
Hexadecanoic acid...	17.14	3.3	ng	100766	5	18.64	617944	20.0
Tetracosane	17.68	3.1	ng	95911	5	18.64	617944	20.0
Octadecane	18.12	3.0	ng	92564	5	18.64	617944	20.0
Eicosane, 7-hexyl-	18.94	3.0	ng	91513	5	18.64	617944	20.0