

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082417\
 Data File : BF098007.D
 Acq On : 24 Aug 2017 17:41
 Operator : SJ/JU
 Sample : I4924-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11975-COMP

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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	4.940	480	485	495	rVB	226105	345523	9.00%	0.880%
2	5.351	549	555	558	rBV	3053408	3548700	92.44%	9.043%
3	6.375	723	729	732	rBV	3026716	3838937	100.00%	9.782%
4	6.510	746	752	755	rBV	3337055	3507555	91.37%	8.938%
5	6.740	787	791	794	rBV	785028	711017	18.52%	1.812%
6	6.892	813	817	821	rBV	2695556	2687898	70.02%	6.849%
7	7.304	881	887	890	rBV	2267184	2315709	60.32%	5.901%
8	8.022	1004	1009	1012	rBV	1020897	921356	24.00%	2.348%
9	9.098	1186	1192	1195	rBV	3709053	3749245	97.66%	9.554%
10	9.492	1255	1259	1262	rBV	394877	337009	8.78%	0.859%
11	9.775	1300	1307	1310	rBV	974271	971948	25.32%	2.477%
12	10.210	1378	1381	1384	rVB	51415	42611	1.11%	0.109%
13	10.563	1435	1441	1444	rBV	2024460	2168129	56.48%	5.525%
14	10.680	1458	1461	1470	rBV2	94014	141484	3.69%	0.361%
15	11.127	1535	1537	1539	rBV	48357	43159	1.12%	0.110%
16	11.157	1539	1542	1546	rVB2	63784	74664	1.94%	0.190%
17	11.251	1554	1558	1560	rBV	1115336	990701	25.81%	2.524%
18	11.275	1560	1562	1565	rVV	480507	365091	9.51%	0.930%
19	11.327	1568	1571	1573	rVB	96399	89356	2.33%	0.228%
20	11.480	1595	1597	1600	rBV	64931	42323	1.10%	0.108%
21	11.780	1646	1648	1652	rVB	79807	61296	1.60%	0.156%
22	11.863	1659	1662	1665	rBV	99120	101074	2.63%	0.258%
23	12.051	1691	1694	1695	rBV	40640	38525	1.00%	0.098%
24	12.069	1695	1697	1702	rVB	86407	74469	1.94%	0.190%
25	12.304	1734	1737	1739	rBV	46509	42350	1.10%	0.108%
26	12.380	1748	1750	1755	rVB	58197	64813	1.69%	0.165%
27	12.463	1760	1764	1767	rVV	1110067	940741	24.51%	2.397%
28	12.686	1796	1802	1806	rBV	846022	962865	25.08%	2.454%
29	12.845	1824	1829	1832	rVB	3138368	3375331	87.92%	8.601%
30	13.016	1856	1858	1861	rVB	129823	109178	2.84%	0.278%
31	13.080	1866	1869	1872	rBV	73372	69768	1.82%	0.178%
32	13.121	1872	1876	1878	rBV2	84373	88967	2.32%	0.227%
33	13.210	1889	1891	1894	rVB	45543	39739	1.04%	0.101%
34	13.521	1941	1944	1949	rVB	93923	102566	2.67%	0.261%

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35	13.633	1959	1963	1966	rBV2	95358	124655	3.25%	0.318%
36	13.663	1966	1968	1970	rVV	82635	72620	1.89%	0.185%
37	13.680	1970	1971	1976	rVV2	61341	85929	2.24%	0.219%
38	13.733	1976	1980	1988	rVB2	335219	408975	10.65%	1.042%
39	13.880	1997	2005	2008	rBV2	1003974	1454177	37.88%	3.706%
40	13.910	2008	2010	2016	rVB	506018	436602	11.37%	1.113%
41	13.986	2021	2023	2026	rVB	65855	55514	1.45%	0.141%
42	14.068	2035	2037	2040	rVB	41317	40226	1.05%	0.103%
43	14.104	2040	2043	2046	rVB2	48862	64506	1.68%	0.164%
44	14.268	2068	2071	2074	rVB	76875	68164	1.78%	0.174%
45	14.304	2074	2077	2080	rVB2	66168	68542	1.79%	0.175%
46	14.363	2084	2087	2090	rBV4	43647	51986	1.35%	0.132%
47	14.568	2119	2122	2124	rBV2	42042	42513	1.11%	0.108%
48	14.733	2147	2150	2155	rVB2	41369	70760	1.84%	0.180%
49	14.898	2173	2178	2181	rBV	466238	695823	18.13%	1.773%
50	14.998	2192	2195	2202	rVB	86270	106662	2.78%	0.272%
51	15.180	2222	2226	2232	rBV	248178	300125	7.82%	0.765%
52	15.239	2232	2236	2242	rVB	355820	405158	10.55%	1.032%
53	15.298	2242	2246	2250	rBV	525470	693032	18.05%	1.766%
54	15.327	2250	2251	2258	rVB2	119999	131234	3.42%	0.334%
55	15.751	2320	2323	2327	rBV3	29973	41422	1.08%	0.106%
56	15.798	2328	2331	2341	rVB4	39269	95745	2.49%	0.244%
57	16.498	2445	2450	2451	rBV3	31195	44011	1.15%	0.112%
58	16.668	2473	2479	2486	rVB2	171368	337034	8.78%	0.859%
59	17.080	2542	2549	2560	rVB	137587	267278	6.96%	0.681%
60	17.292	2582	2585	2592	rVB3	26003	44205	1.15%	0.113%
61	19.345	2925	2934	2942	rBV4	21500	72704	1.89%	0.185%

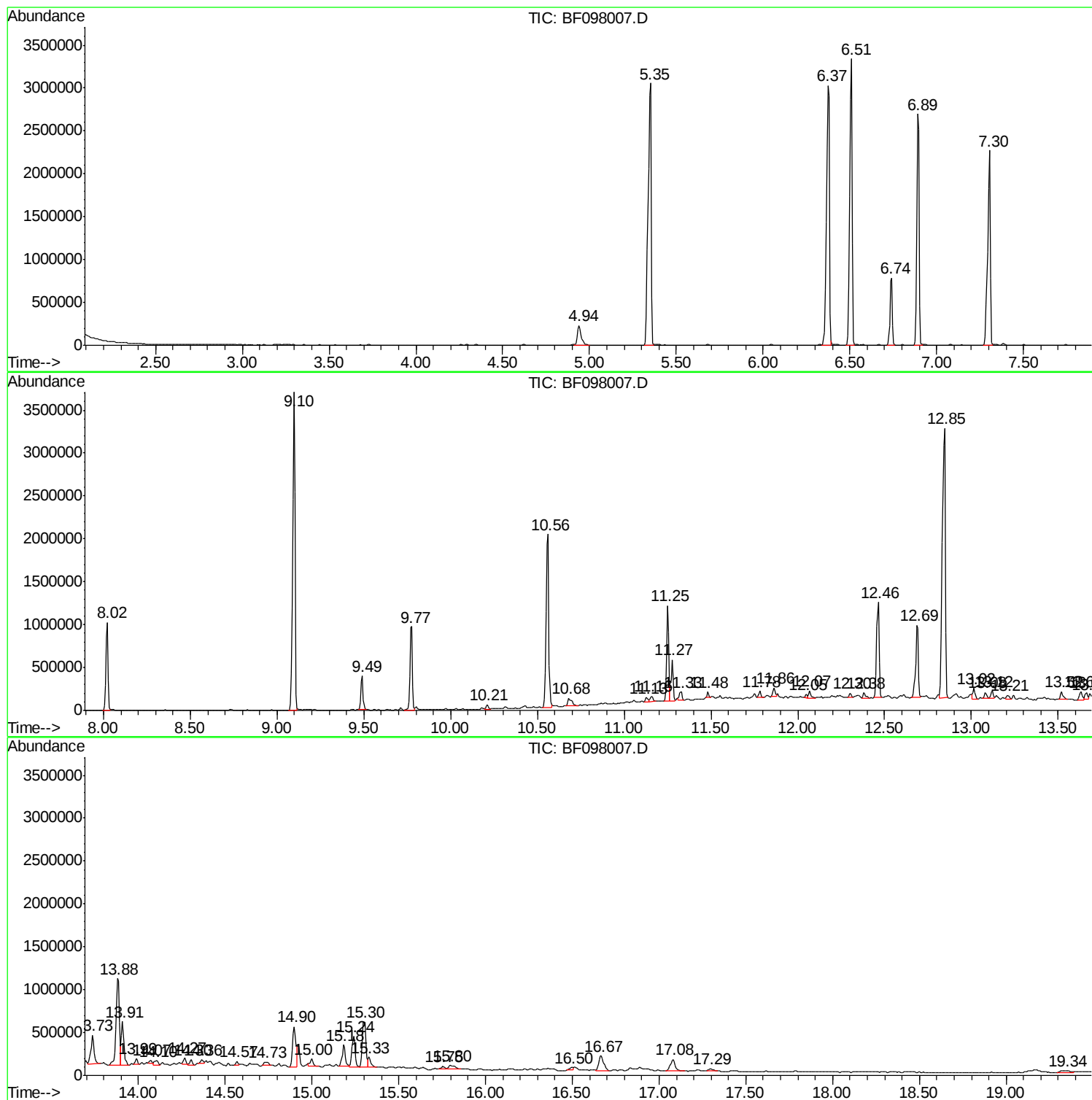
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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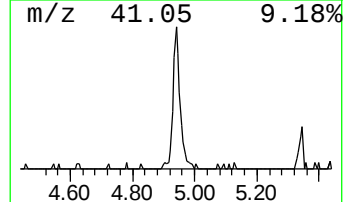
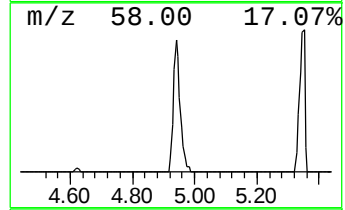
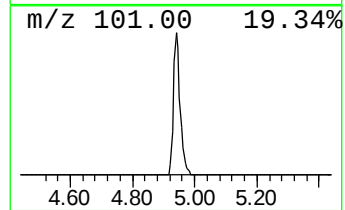
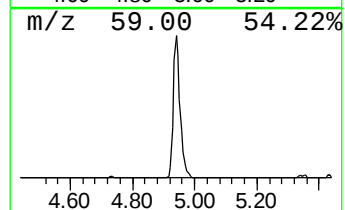
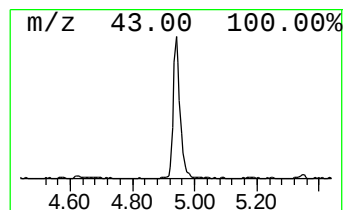
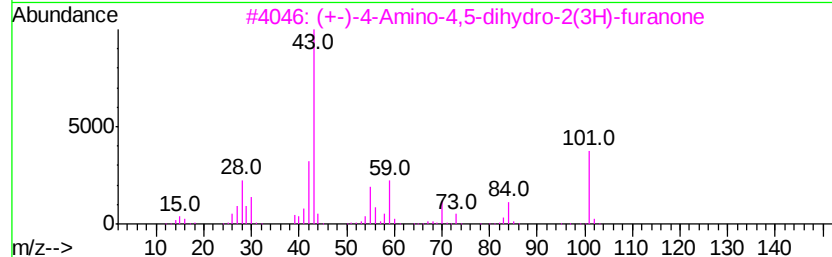
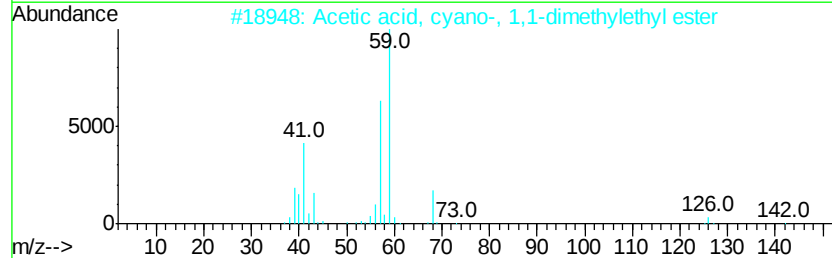
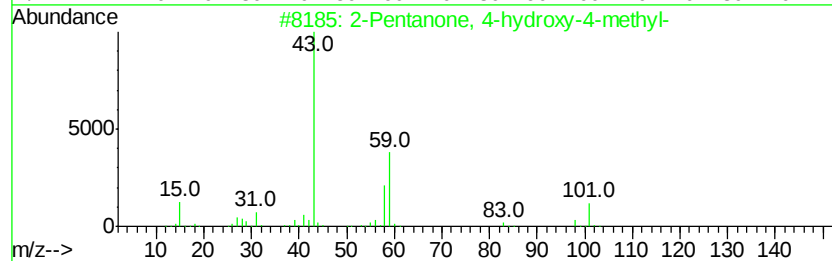
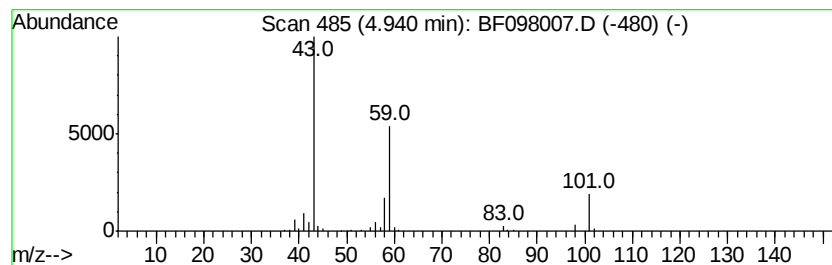
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.94	9.72 ng	345523	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5		Acetamide, N-(aminocarbonyl)-	102	C3H6N2O2	000591-07-1	9



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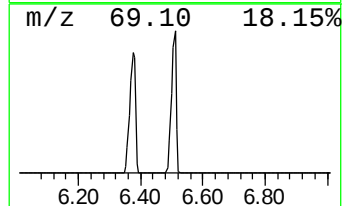
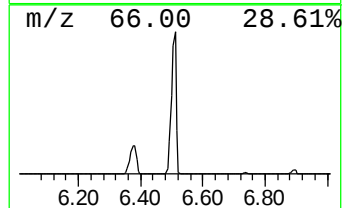
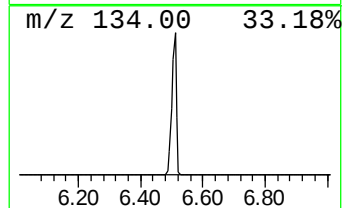
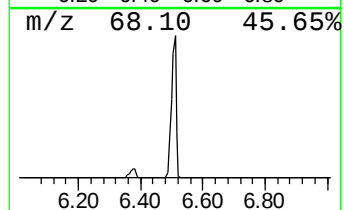
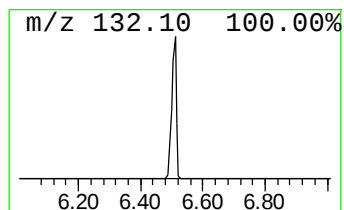
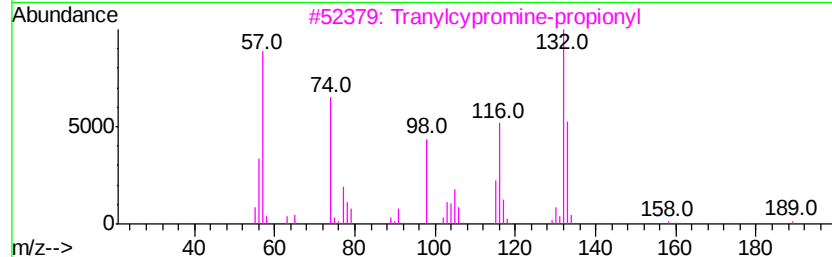
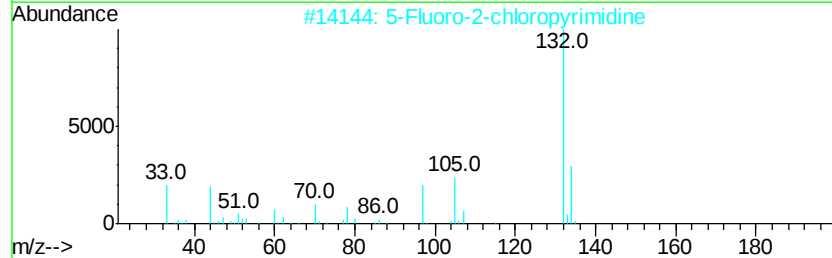
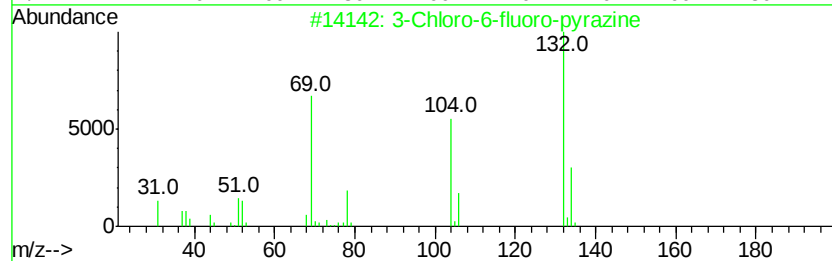
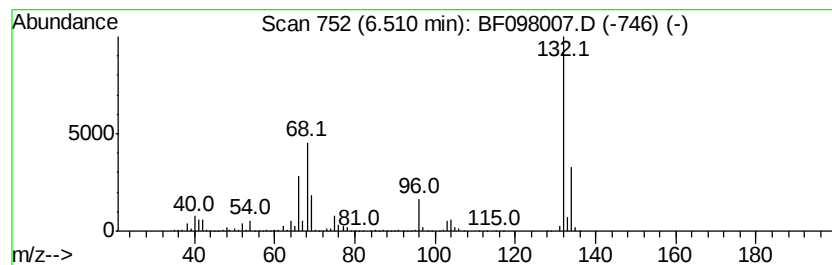
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	98.66 ng	3507560	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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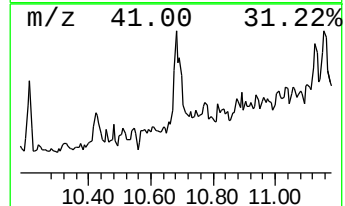
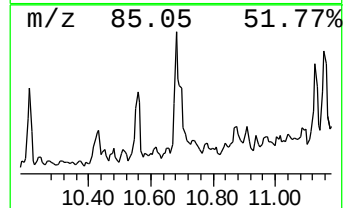
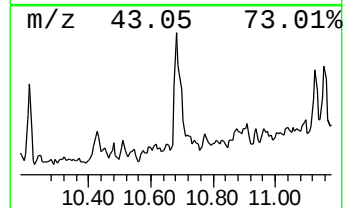
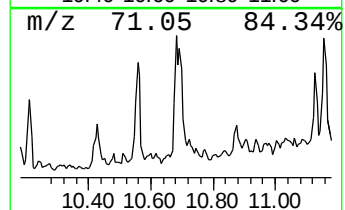
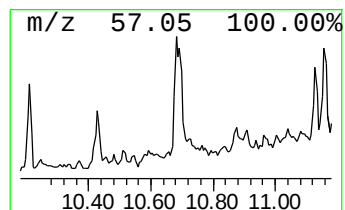
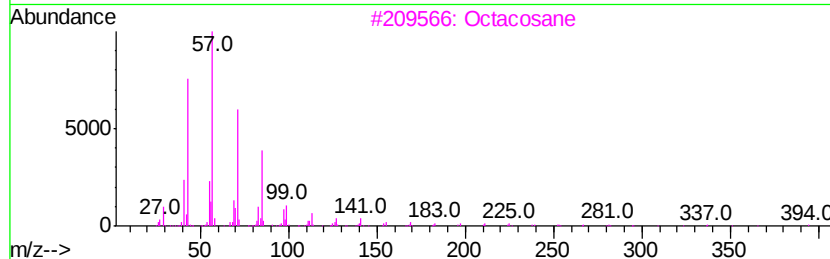
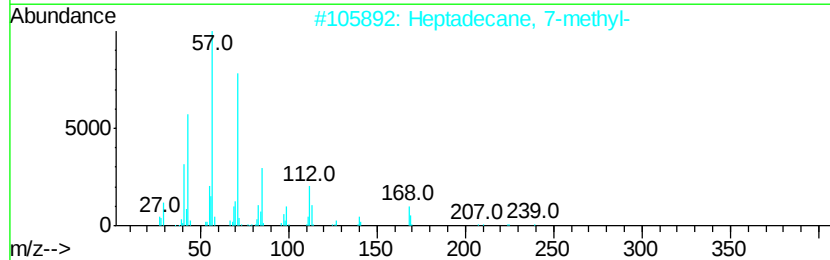
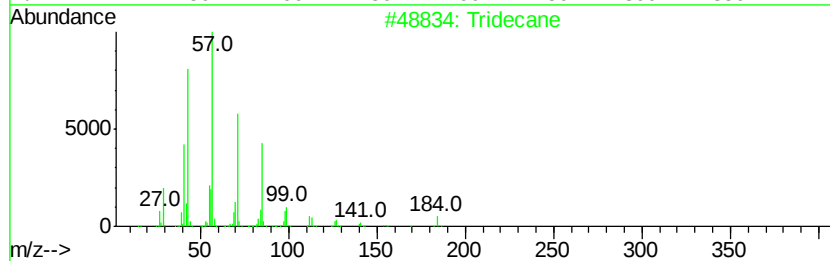
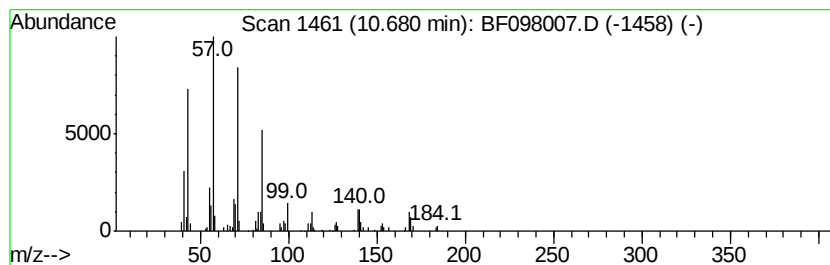
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	2.86 ng	141484	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	80
2		Heptadecane, 7-methyl-	254	C18H38	020959-33-5	74
3		Octacosane	394	C28H58	000630-02-4	72
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72



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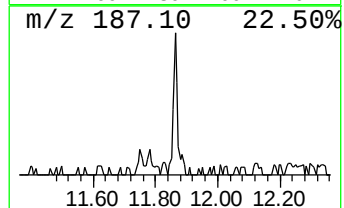
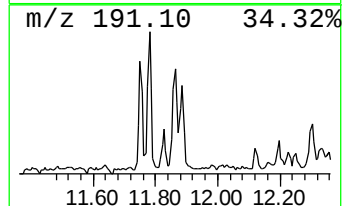
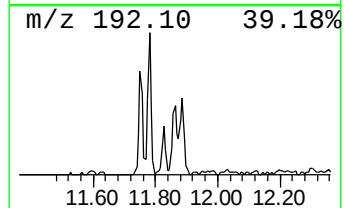
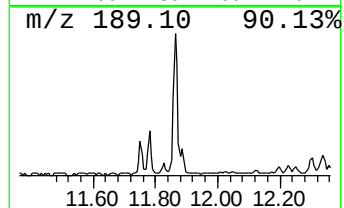
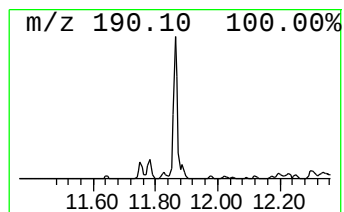
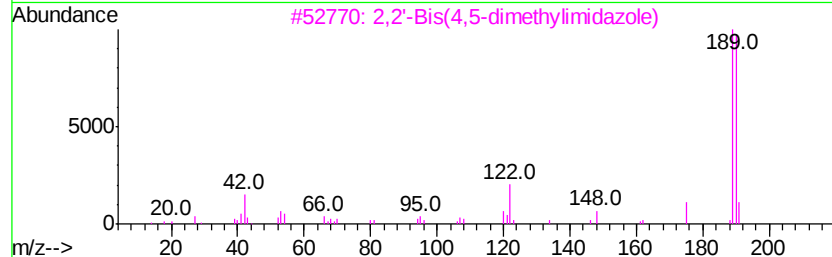
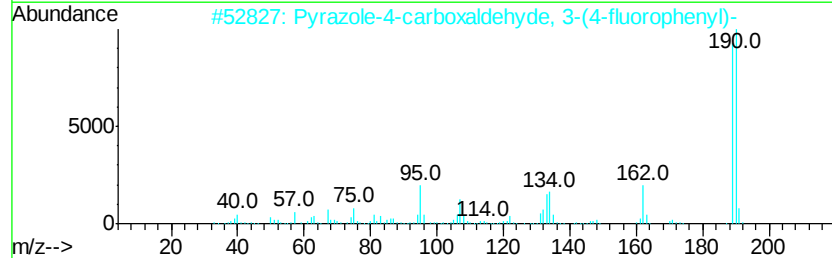
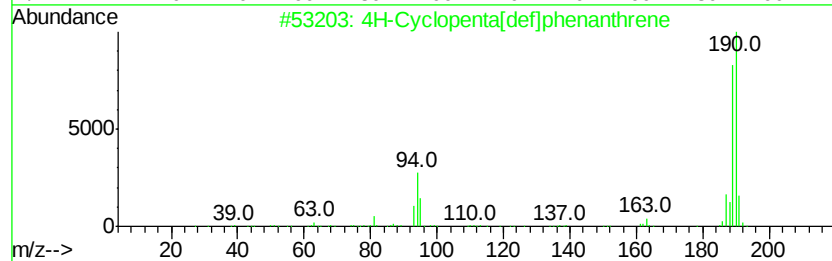
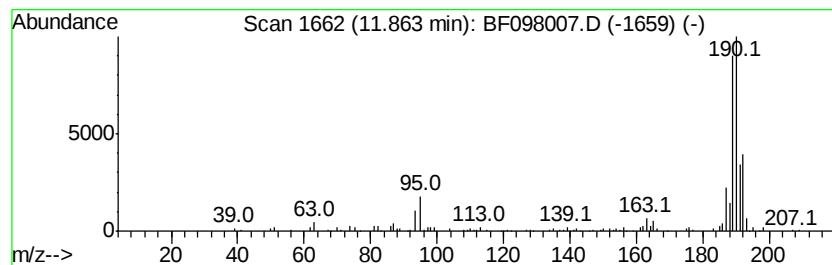
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.04 ng	101074	Phenanthrene-d10	11.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2		Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	50
3		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4		Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	33
5		2-Naphthaldehyde, 1,2,3,4-tetra...	190	C12H14O2	002472-02-8	18



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ALS Vial : 8 Sample Multiplier: 1

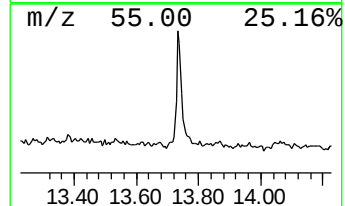
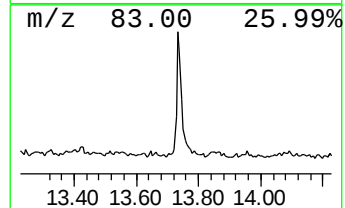
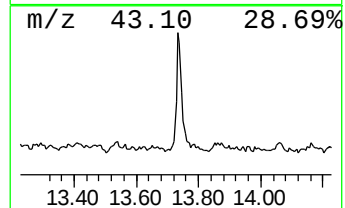
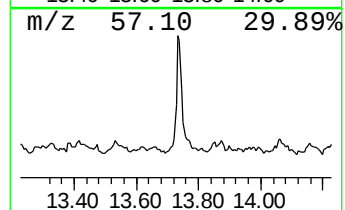
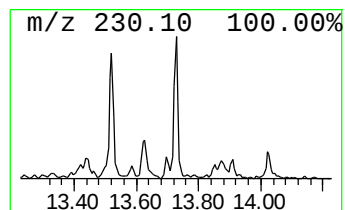
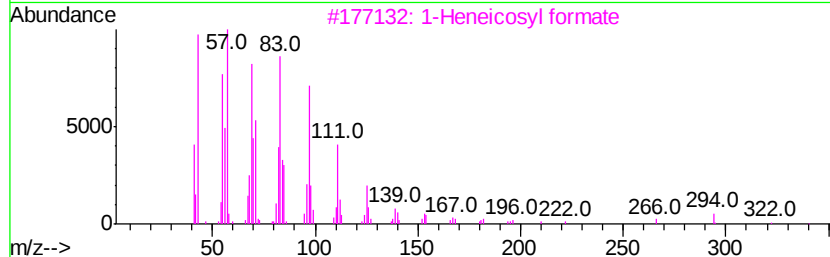
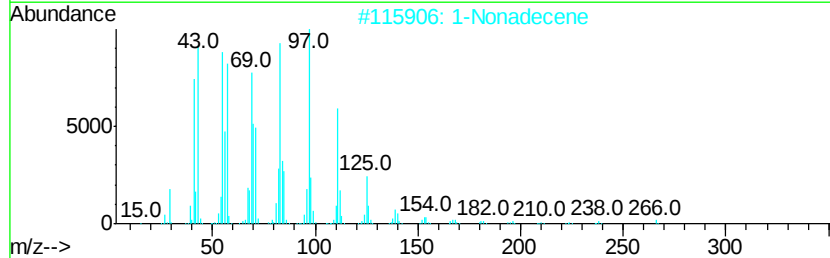
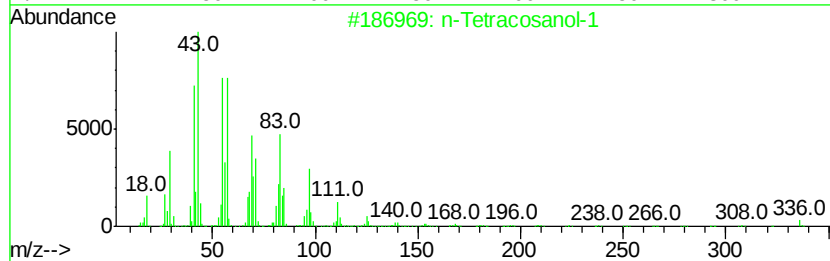
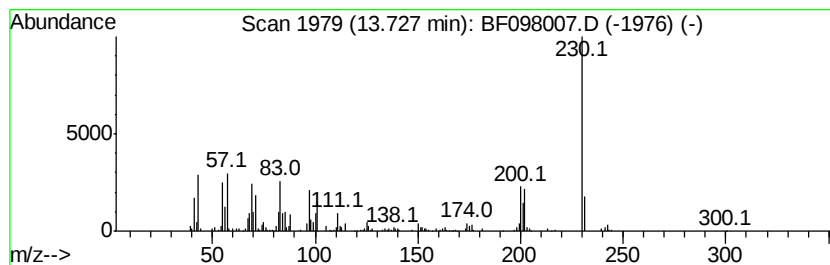
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BNA_F
ClientSampleId :
72-11975-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Tetracosanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.73	5.62 ng	408975	Chrysene-d12	13.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	87
2	1-Nonadecene	266	C19H38	018435-45-5	83
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	81
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	81
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
Data File : BF098007.D
Acq On : 24 Aug 2017 17:41
Operator : SJ/JU
Sample : I4924-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11975-COMP

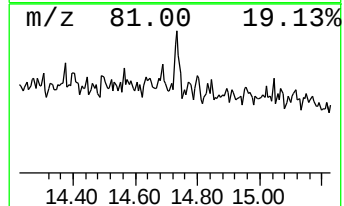
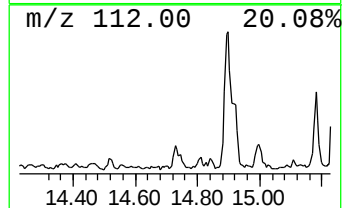
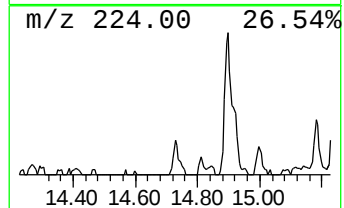
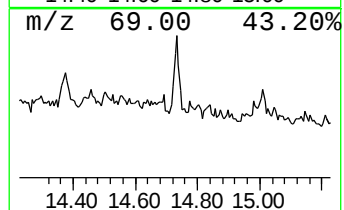
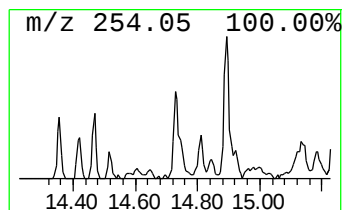
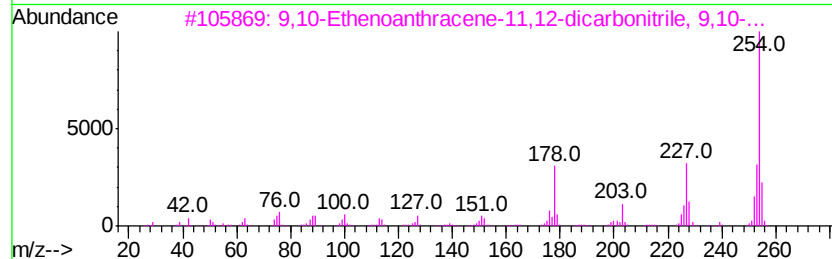
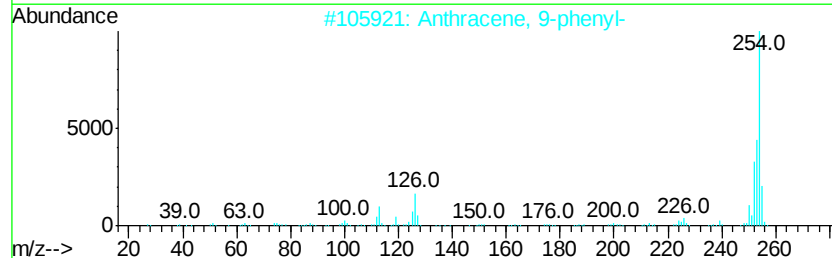
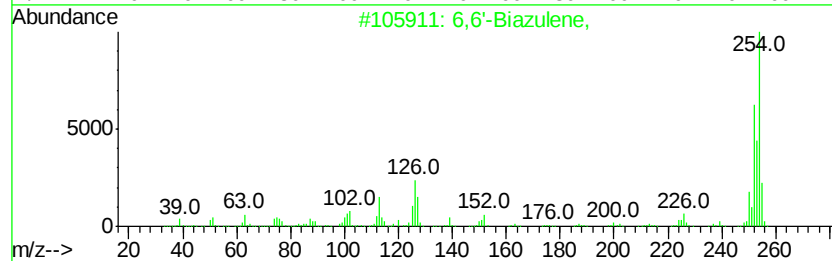
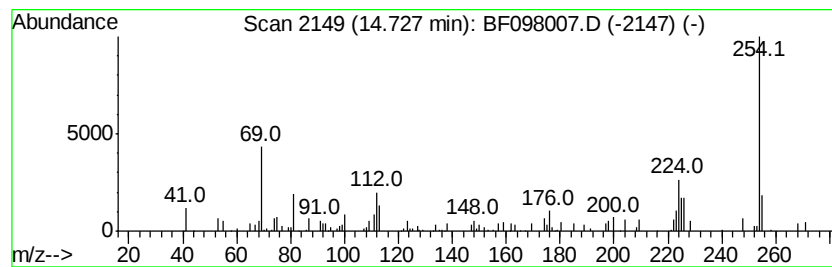
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 6,6'-Biazulene, Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.04 ng	70760	Perylene-d12	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6,6'-Biazulene,	254	C20H14	073393-11-0	64
2		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	59
3		9,10-Ethenoanthracene-11,12-dica...	254	C18H10N2	019067-49-3	59
4		2,6-(Etheno[1,4]benzoetheno)na...	254	C20H14	117054-70-3	59
5		9,10-Anthracenedione, 1-hydroxy-...	254	C15H10O4	024094-45-9	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
Data File : BF098007.D
Acq On : 24 Aug 2017 17:41
Operator : SJ/JU
Sample : I4924-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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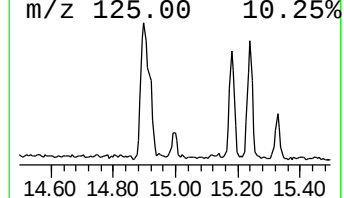
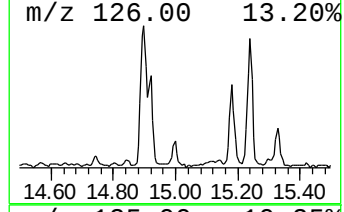
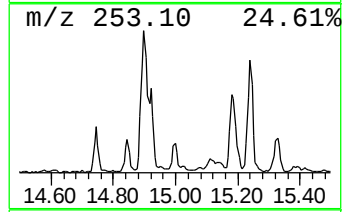
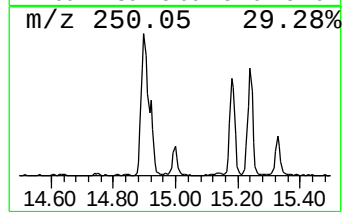
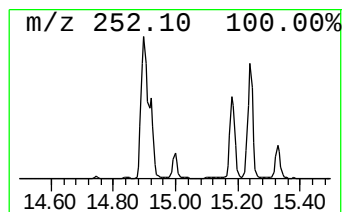
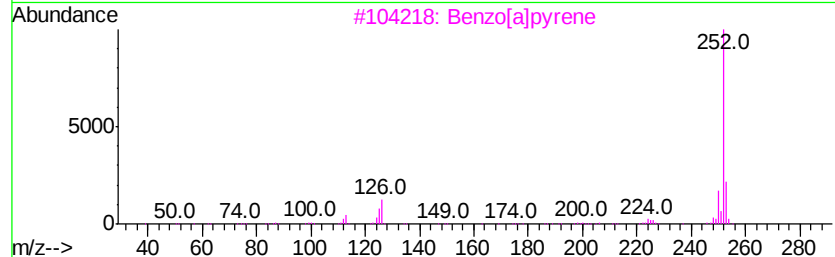
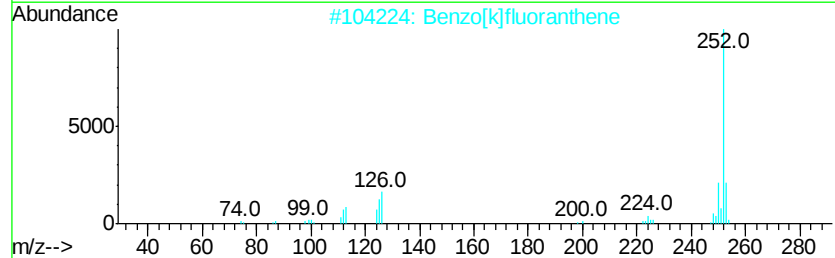
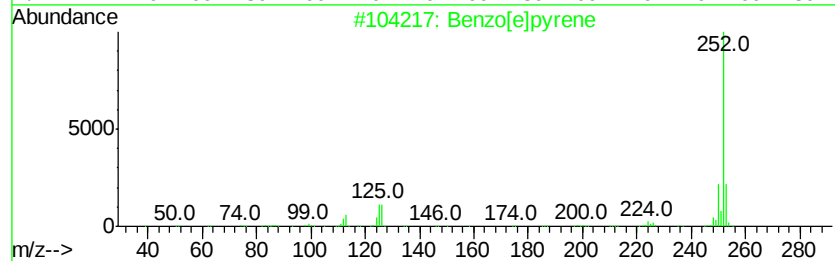
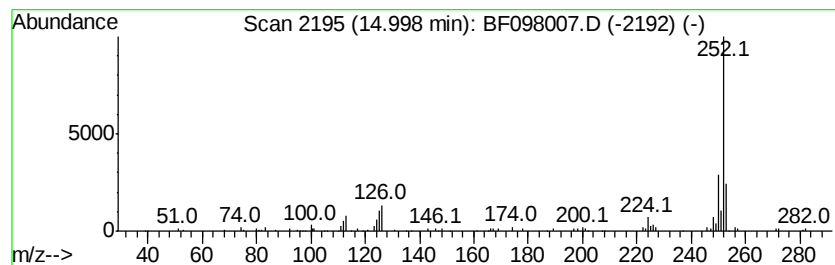
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	3.08 ng	106662	Perylene-d12	15.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	95
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3		Benzo[a]pyrene	252	C20H12	000050-32-8	94
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90
5		Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082417\
Data File : BF098007.D
Acq On : 24 Aug 2017 17:41
Operator : SJ/JU
Sample : I4924-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11975-COMP

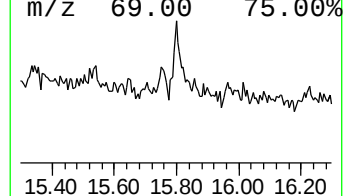
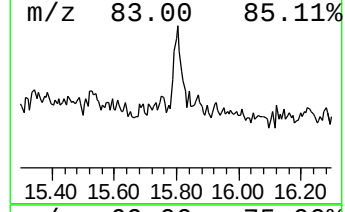
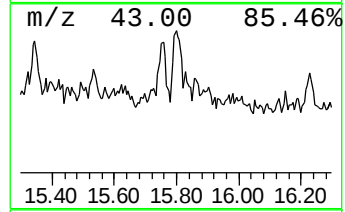
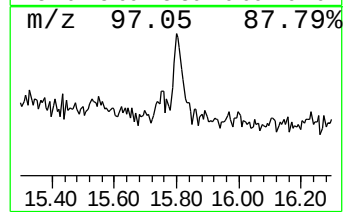
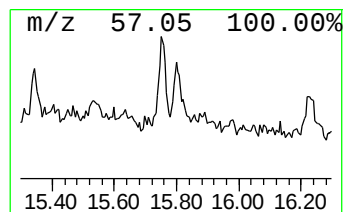
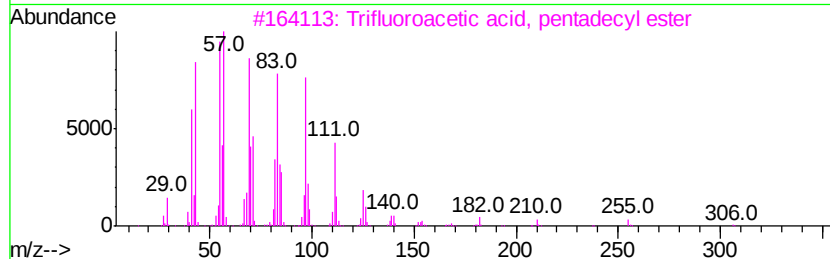
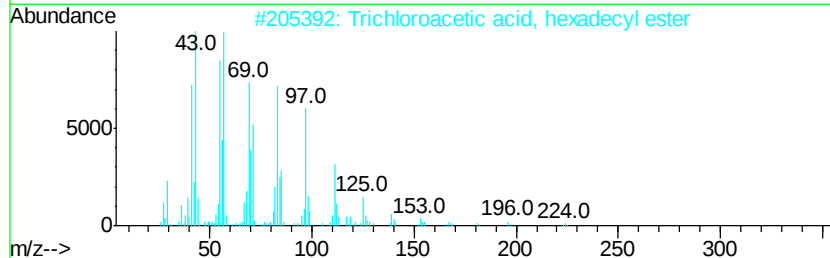
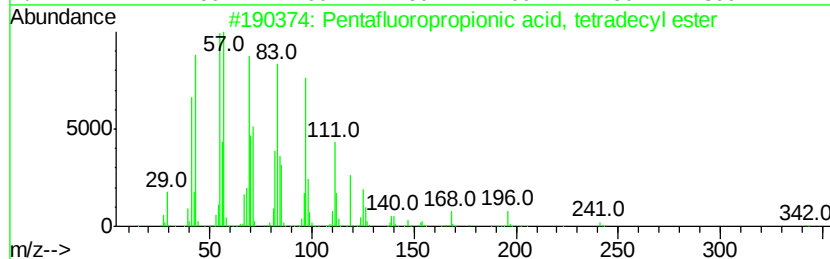
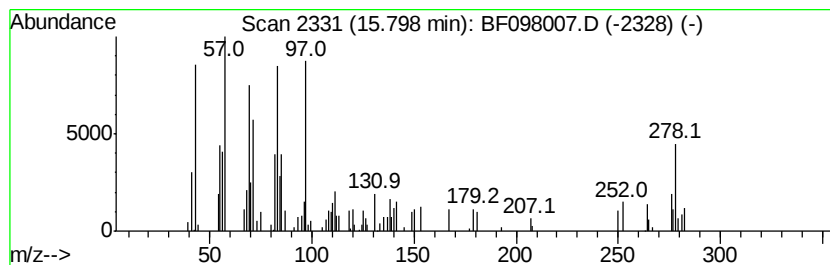
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentafluoropropionic acid, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	2.76 ng	95745	Perylene-d12	15.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	59
2			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	59
3			Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	58
4			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	49
5			11-Tricosene	322	C23H46	052078-56-5	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082417\
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Operator : SJ/JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
72-11975-COMP

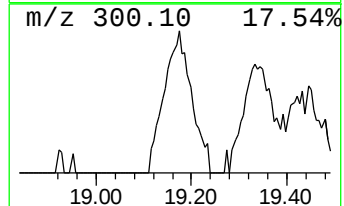
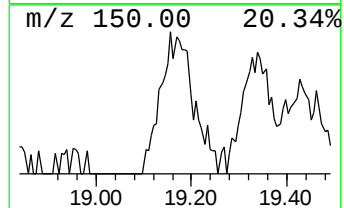
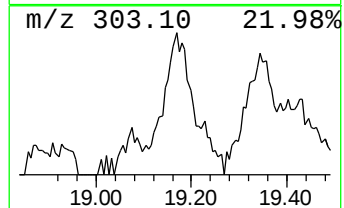
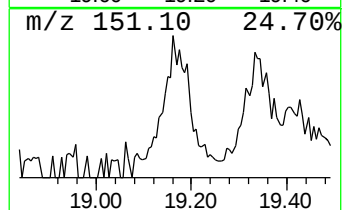
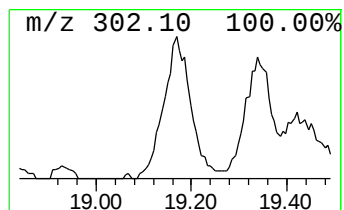
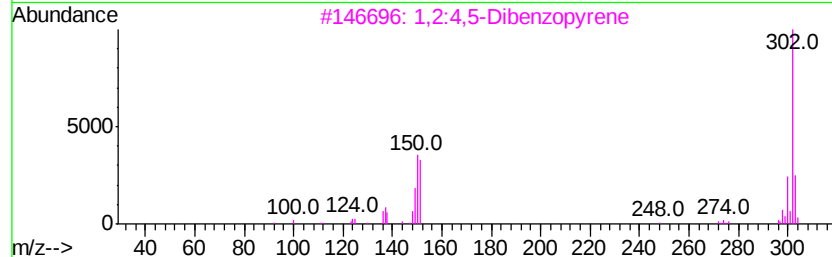
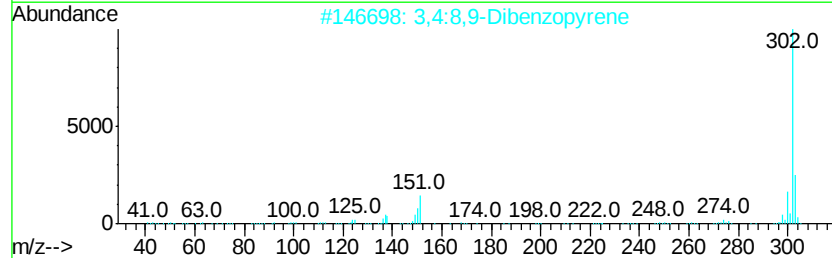
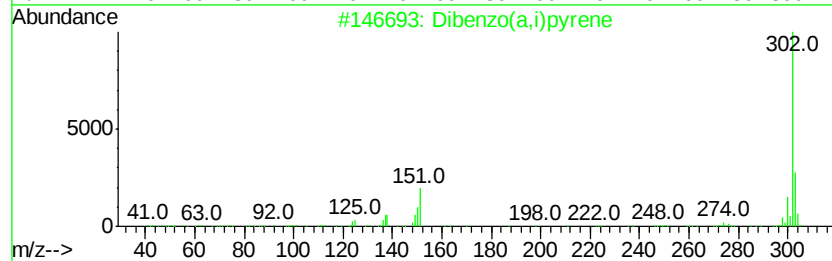
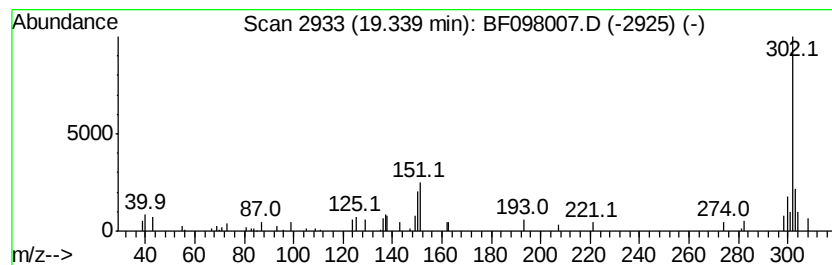
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dibenzo(a,i)pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	2.10 ng	72704	Perylene-d12	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	81
2		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	81
3		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	76
4		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	76
5		1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082417\
Data File : BF098007.D
Acq On : 24 Aug 2017 17:41
Operator : SJ/JU
Sample : I4924-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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...	4.94	9.7	ng	345523	1	6.74	711017	20.0
unknown6.51	6.51	98.7	ng	3507560	1	6.74	711017	20.0
Tridecane	10.68	2.9	ng	141484	4	11.25	990701	20.0
4H-Cyclopenta[def...	11.86	2.0	ng	101074	4	11.25	990701	20.0
n-Tetracosanol-1	13.73	5.6	ng	408975	5	13.89	1454180	20.0
6,6'-Biazulene,	14.73	2.0	ng	70760	6	15.30	693032	20.0
Benzo[e]pyrene	15.00	3.1	ng	106662	6	15.30	693032	20.0
Pentafluoropropio...	15.80	2.8	ng	95745	6	15.30	693032	20.0
Dibenzo(a,i)pyrene	19.34	2.1	ng	72704	6	15.30	693032	20.0