

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102531.D
 Acq On : 28 Jan 2018 00:45
 Operator : SJ/JU
 Sample : J1325-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-4632

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-BF012218.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	4.916	476	481	495	rVB	115046	169478	5.74%	0.591%
2	5.328	547	551	570	rBV	2806008	2942591	99.64%	10.263%
3	6.363	722	727	744	rBV	2807687	2953318	100.00%	10.301%
4	6.487	744	748	751	rBV	3281352	2910214	98.54%	10.151%
5	6.716	783	787	795	rBV	842273	751618	25.45%	2.622%
6	6.869	809	813	817	rBV	2563723	2270649	76.88%	7.920%
7	7.281	879	883	895	rBV	1724995	1774766	60.09%	6.190%
8	7.387	897	901	910	rVB3	25103	43022	1.46%	0.150%
9	7.998	1001	1005	1016	rBV	1020049	939877	31.82%	3.278%
10	9.075	1183	1188	1191	rBV	2964323	2781809	94.19%	9.703%
11	9.145	1198	1200	1203	rVB	38156	31589	1.07%	0.110%
12	9.398	1240	1243	1246	rBV3	66421	58592	1.98%	0.204%
13	9.469	1251	1255	1262	rVB	313362	311841	10.56%	1.088%
14	9.675	1287	1290	1294	rBV	112201	93781	3.18%	0.327%
15	9.751	1299	1303	1306	rBV	879791	814795	27.59%	2.842%
16	10.145	1367	1370	1372	rBV	46186	34912	1.18%	0.122%
17	10.175	1372	1375	1378	rVB	134289	100279	3.40%	0.350%
18	10.392	1409	1412	1418	rVB2	31891	40199	1.36%	0.140%
19	10.539	1434	1437	1447	rBV	1281532	1182772	40.05%	4.125%
20	10.645	1452	1455	1463	rVB	104981	132916	4.50%	0.464%
21	10.845	1484	1489	1492	rBV5	18508	34257	1.16%	0.119%
22	11.098	1528	1532	1534	rBV	59396	58315	1.97%	0.203%
23	11.122	1534	1536	1543	rVB3	34991	51371	1.74%	0.179%
24	11.233	1552	1555	1558	rBV	733700	684395	23.17%	2.387%
25	11.257	1558	1559	1566	rVV	299415	243392	8.24%	0.849%
26	11.310	1566	1568	1571	rVV	53205	47970	1.62%	0.167%
27	11.475	1592	1596	1601	rBV	24271	37144	1.26%	0.130%
28	11.522	1601	1604	1607	rVB2	47182	40379	1.37%	0.141%
29	11.739	1637	1641	1643	rBV	40476	38106	1.29%	0.133%
30	11.769	1643	1646	1650	rVB	54683	49183	1.67%	0.172%
31	11.851	1656	1660	1662	rBV2	66419	72229	2.45%	0.252%
32	12.069	1693	1697	1702	rBV5	29025	31727	1.07%	0.111%
33	12.286	1730	1734	1736	rBV	35951	37416	1.27%	0.131%
34	12.322	1736	1740	1746	rVB4	40514	70046	2.37%	0.244%

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35	12.374	1746	1749	1754	rVB3	29788	33147	1.12%	0.116%
36	12.451	1758	1762	1766	rBV	510236	465628	15.77%	1.624%
37	12.674	1795	1800	1806	rBV	442969	498656	16.88%	1.739%
38	12.727	1806	1809	1814	rVB2	21718	31540	1.07%	0.110%
39	12.822	1816	1825	1828	rBV	2100546	1955783	66.22%	6.822%
40	12.898	1833	1838	1842	rBV4	30894	53332	1.81%	0.186%
41	12.986	1850	1853	1854	rBV3	28132	36316	1.23%	0.127%
42	13.004	1854	1856	1859	rVB	55279	51808	1.75%	0.181%
43	13.074	1865	1868	1871	rVV	39922	32272	1.09%	0.113%
44	13.110	1871	1874	1881	rVB2	55634	62891	2.13%	0.219%
45	13.516	1941	1943	1947	rVB	45139	41176	1.39%	0.144%
46	13.586	1951	1955	1957	rBV	72983	69854	2.37%	0.244%
47	13.627	1959	1962	1964	rBV	57326	53100	1.80%	0.185%
48	13.716	1973	1977	1988	rVB4	182959	287488	9.73%	1.003%
49	13.874	1997	2004	2007	rBV2	873005	1068489	36.18%	3.727%
50	13.904	2007	2009	2016	rVB	258796	249244	8.44%	0.869%
51	13.980	2016	2022	2025	rBV3	47254	72475	2.45%	0.253%
52	14.027	2028	2030	2037	rVV6	27745	45330	1.53%	0.158%
53	14.263	2066	2070	2073	rVB2	58473	65868	2.23%	0.230%
54	14.357	2080	2086	2089	rBV6	49228	84394	2.86%	0.294%
55	14.698	2142	2144	2148	rVB	48067	48138	1.63%	0.168%
56	14.898	2174	2178	2181	rBV	210440	307060	10.40%	1.071%
57	14.951	2185	2187	2190	rVB2	54946	46970	1.59%	0.164%
58	15.186	2223	2227	2232	rVB	112264	140684	4.76%	0.491%
59	15.245	2233	2237	2242	rVB	152869	180816	6.12%	0.631%
60	15.304	2242	2247	2251	rBV	499458	628205	21.27%	2.191%
61	15.715	2314	2317	2321	rVB3	64660	82680	2.80%	0.288%
62	16.704	2481	2485	2497	rVB5	60844	142182	4.81%	0.496%

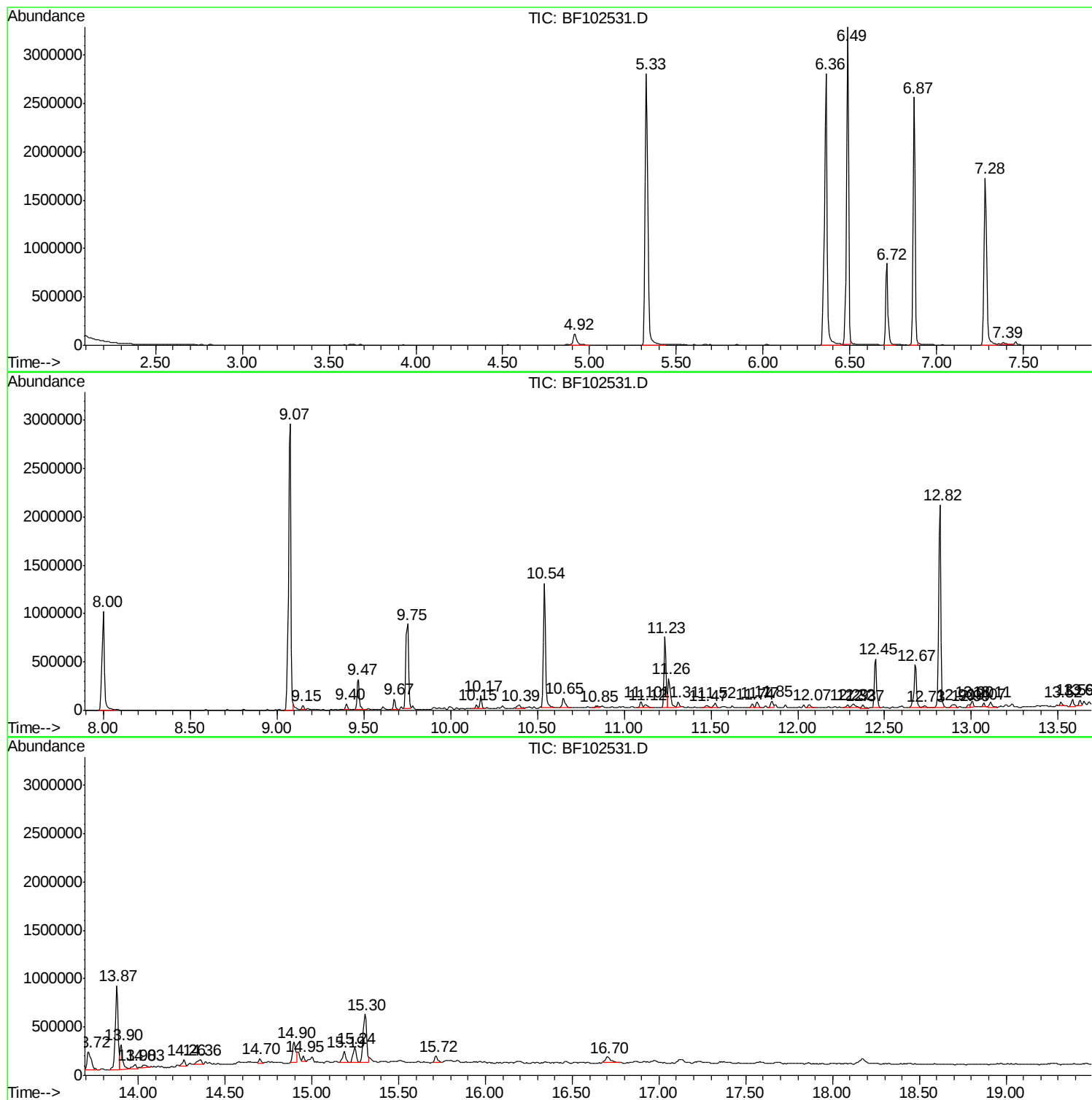
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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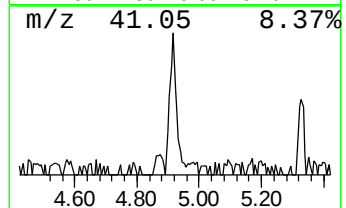
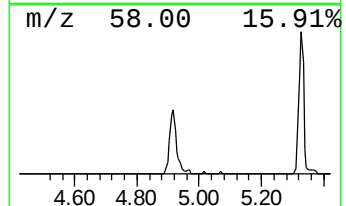
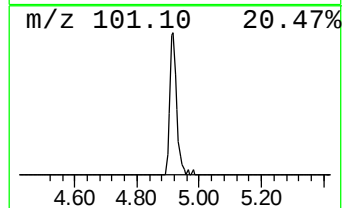
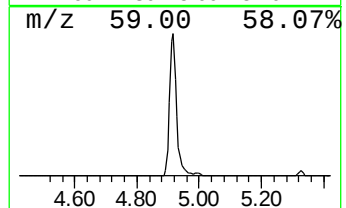
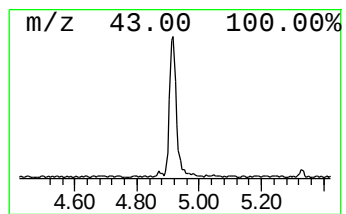
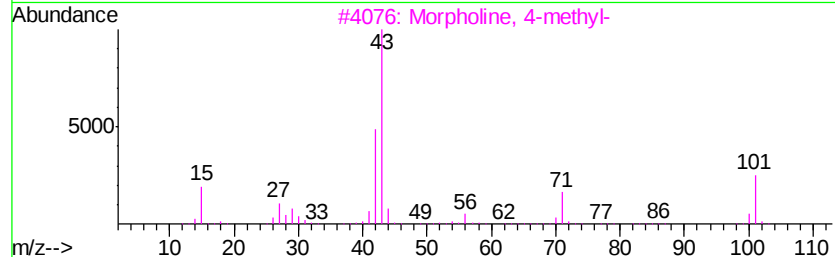
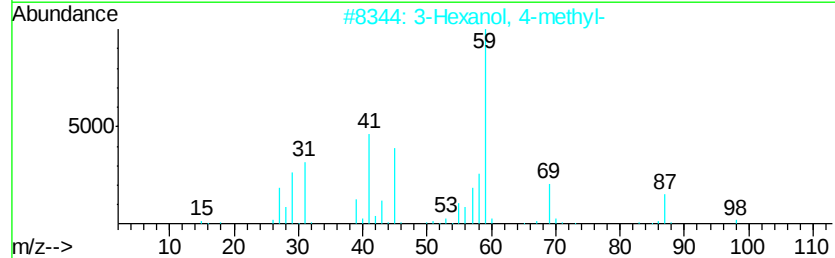
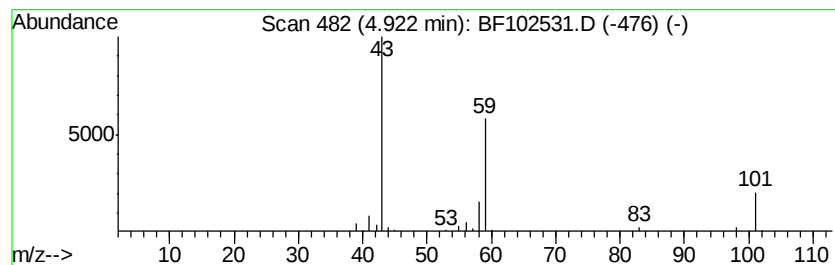
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	4.51 ng	169478	1,4-Dichlorobenzene-d4	6.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56	
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28	
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9	
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9	
5	Dimethadione	129	C5H7NO3	000695-53-4	9	



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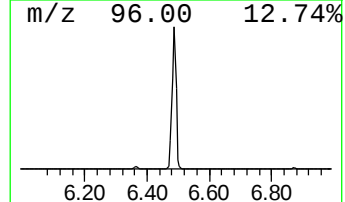
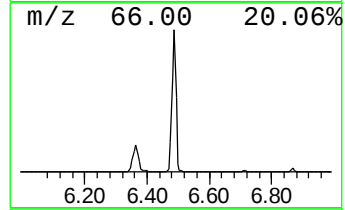
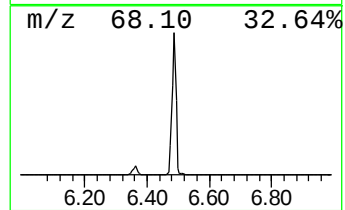
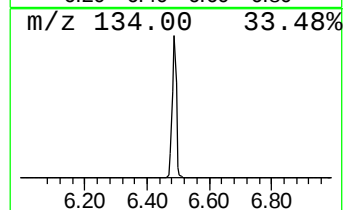
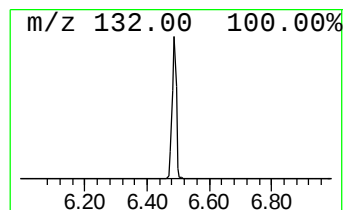
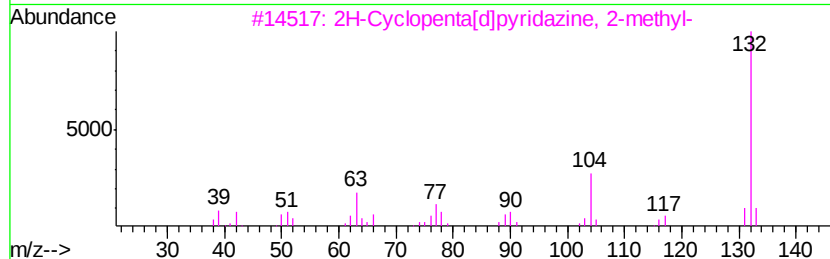
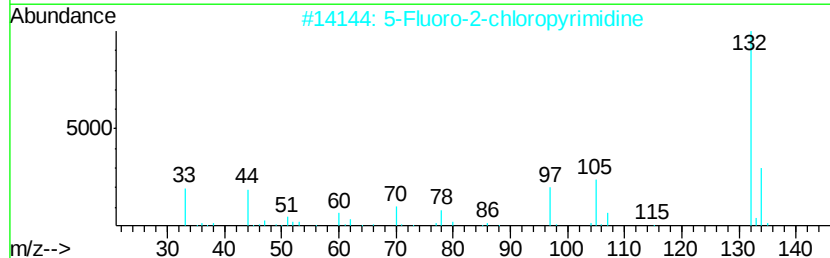
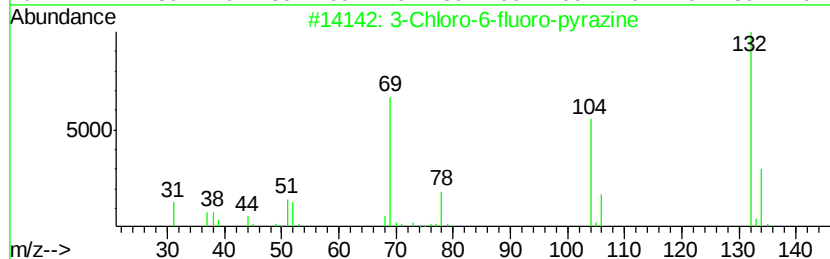
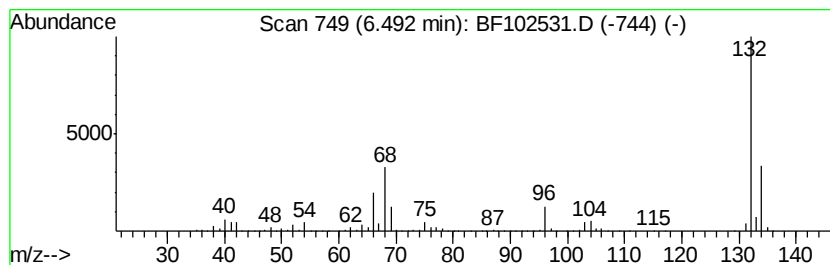
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	77.44 ng	2910210	1,4-Dichlorobenzene-d4	6.72

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	9
3		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



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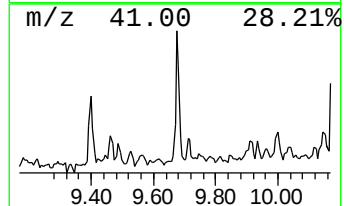
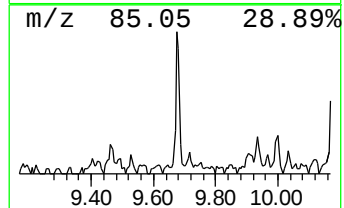
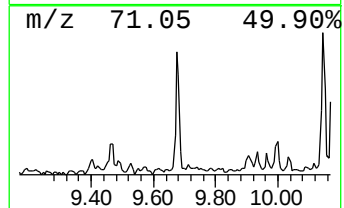
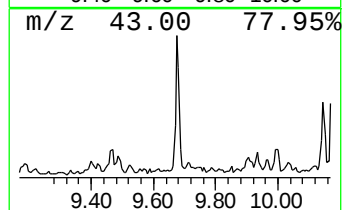
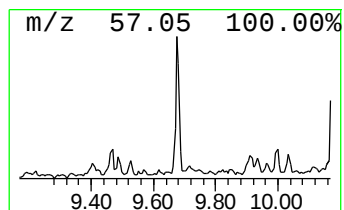
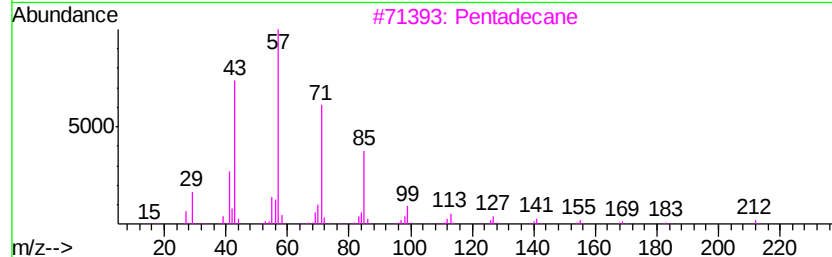
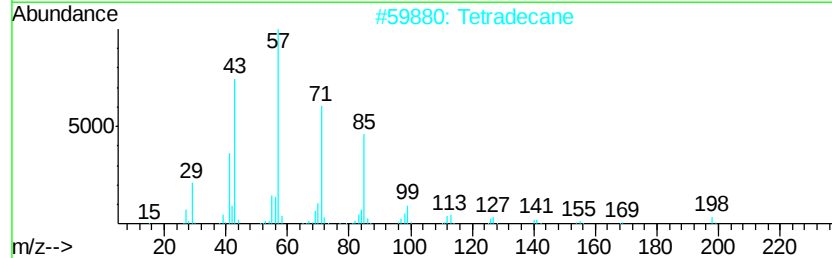
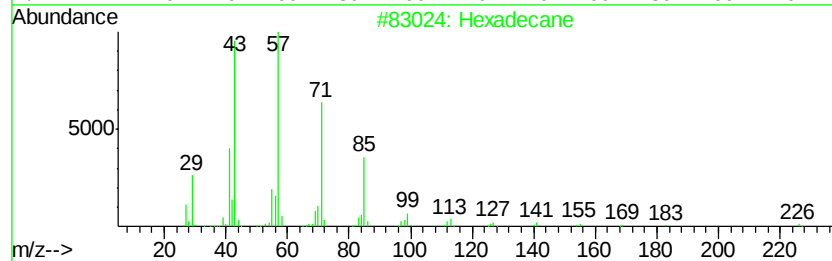
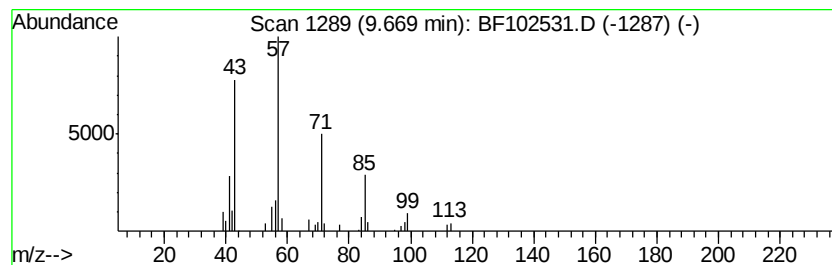
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	2.30 ng	93781	Acenaphthene-d10	9.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Tetradecane		198	C14H30	000629-59-4	90
3	Pentadecane		212	C15H32	000629-62-9	78
4	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	72
5	Sulfurous acid, dodecyl 2-propyl...		292	C15H32O3S	1000309-12-3	72



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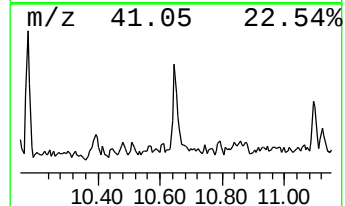
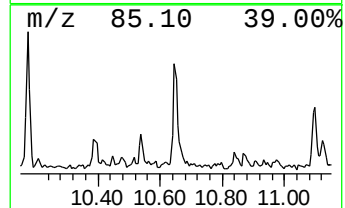
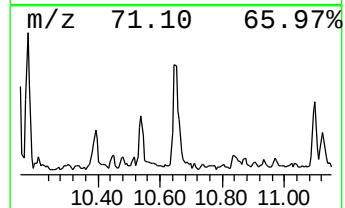
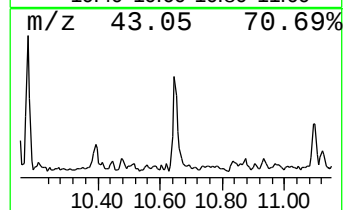
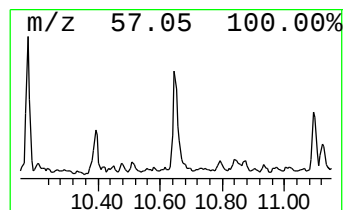
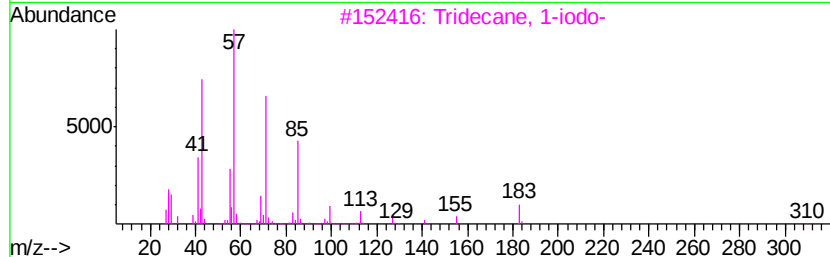
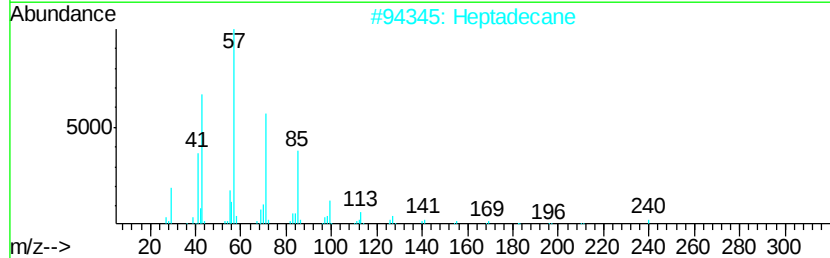
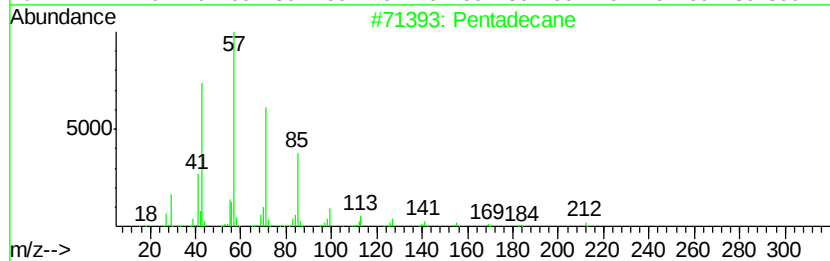
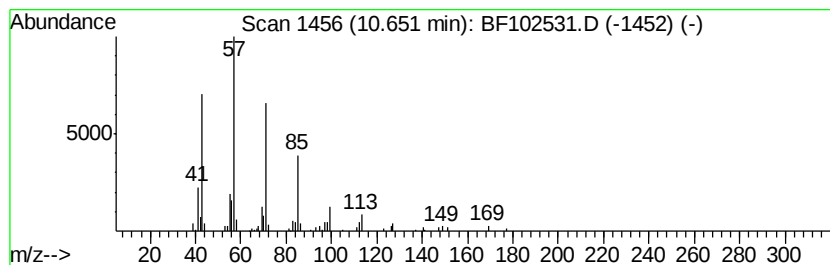
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.65	3.88 ng	132916	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Heptadecane	240	C17H36	000629-78-7	86
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	80
5	Eicosane	282	C20H42	000112-95-8	80



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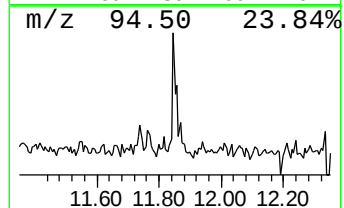
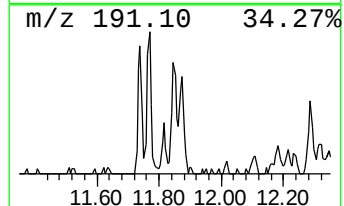
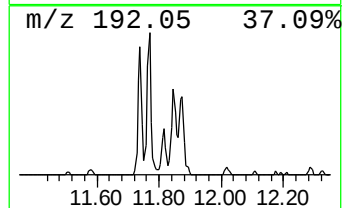
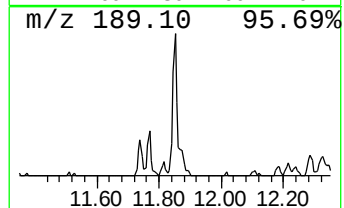
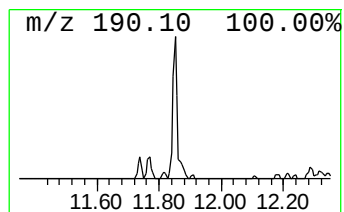
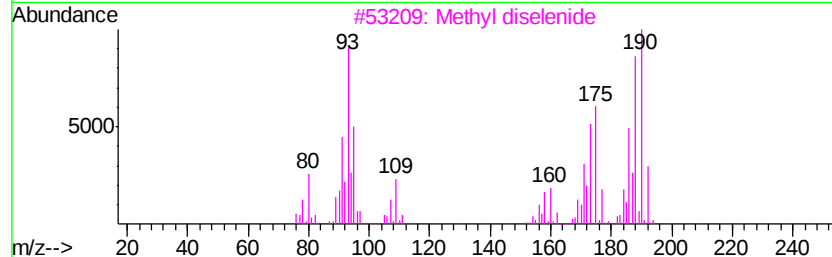
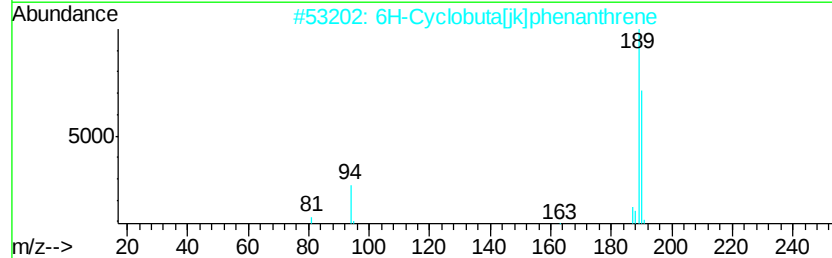
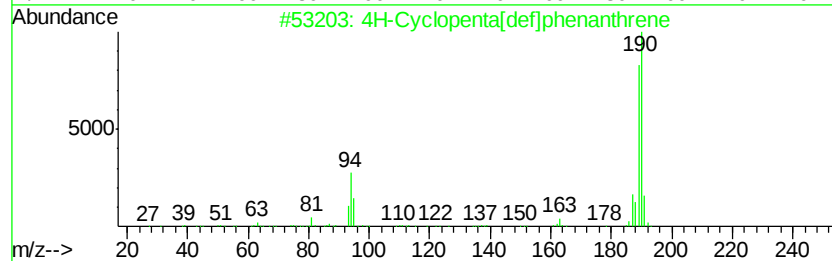
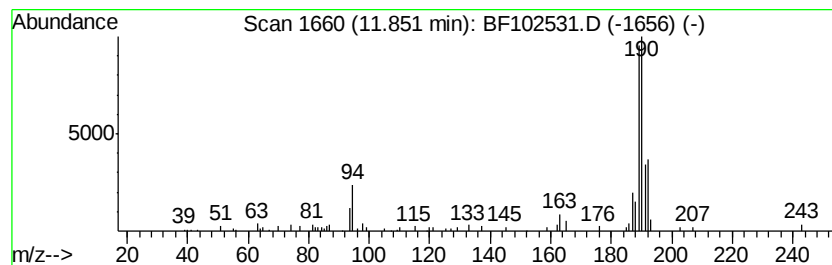
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	2.11 ng	72229	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3		Methyl diselenide	190	C2H6Se2	007101-31-7	55
4		Benzimidazol-2(3H)-one, 5-formyl...	190	C10H10N2O2	055241-49-1	33
5		Pyrimidine, 2-chloro-5-phenyl-	190	C10H7ClN2	022536-62-5	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102531.D
Acq On : 28 Jan 2018 00:45
Operator : SJ/JU
Sample : J1325-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

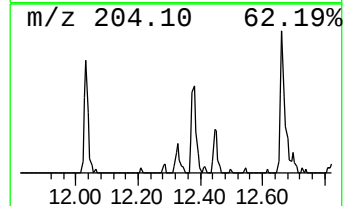
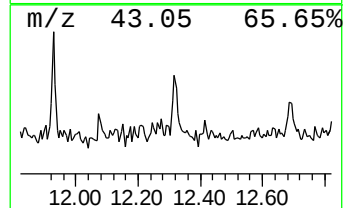
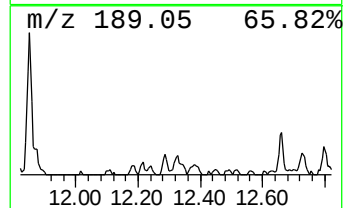
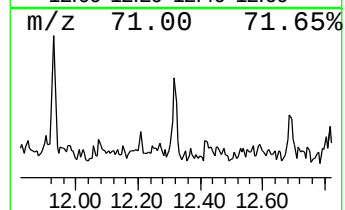
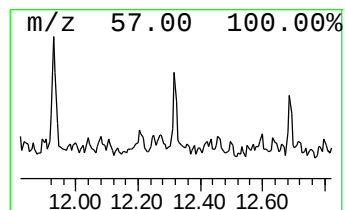
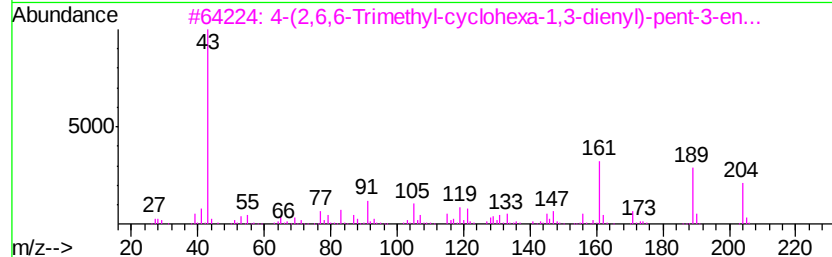
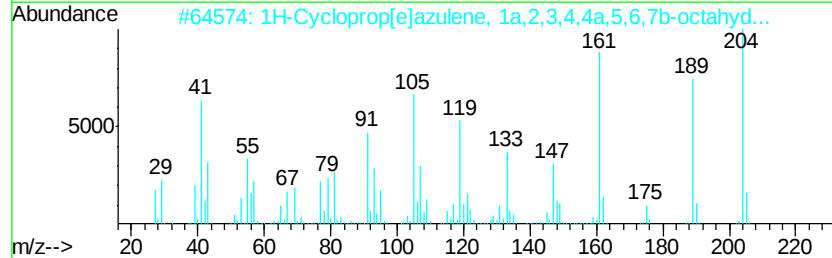
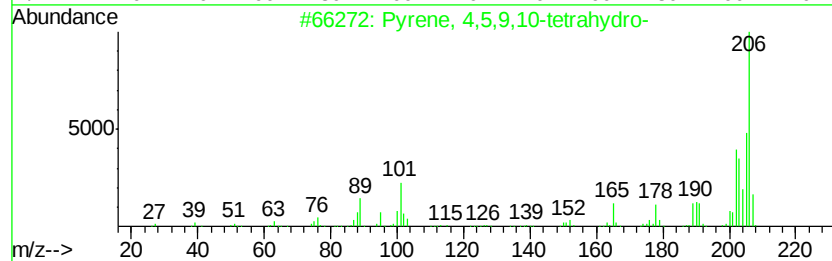
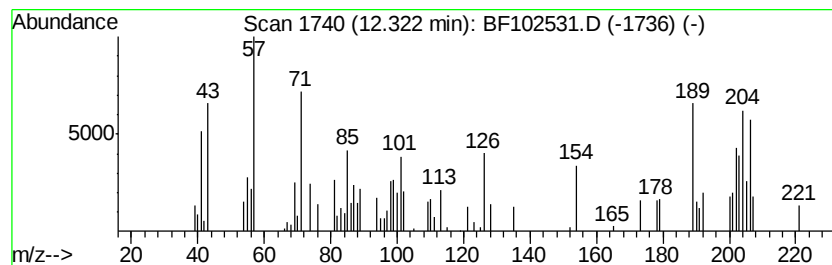
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown12.32 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.		
12.32	2.05 ng	70046	Phenanthrene-d10		11.23		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	20
2			1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	11
3			4-(2,6,6-Trimethyl-cyclohexa-1,3...	204	C14H200	1000192-39-9	11
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	11
5			5H-Thiazolo[2,3-b]quinazolin-5-o...	204	C10H8N2OS	016024-88-7	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102531.D
Acq On : 28 Jan 2018 00:45
Operator : SJ/JU
Sample : J1325-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
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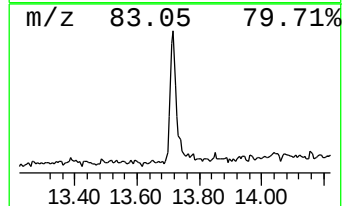
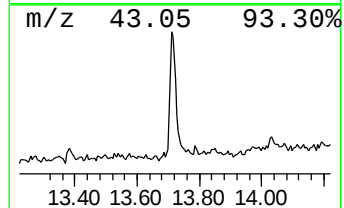
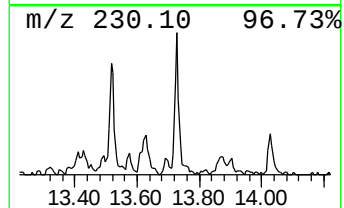
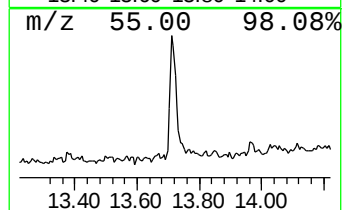
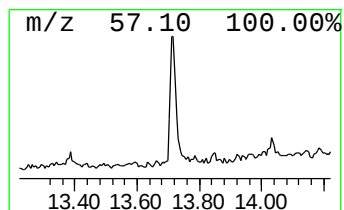
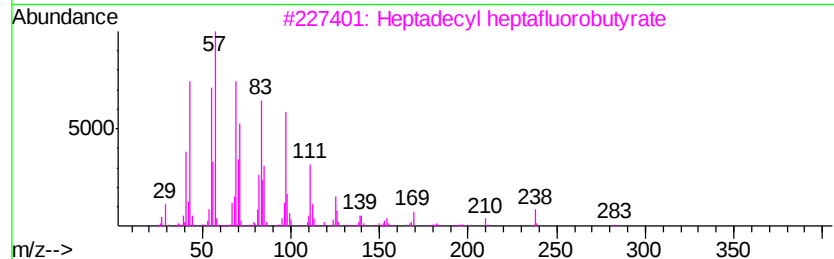
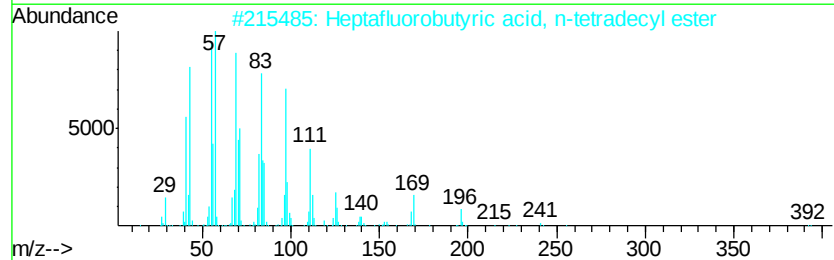
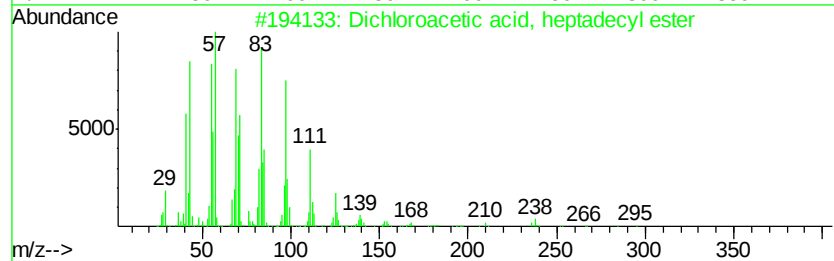
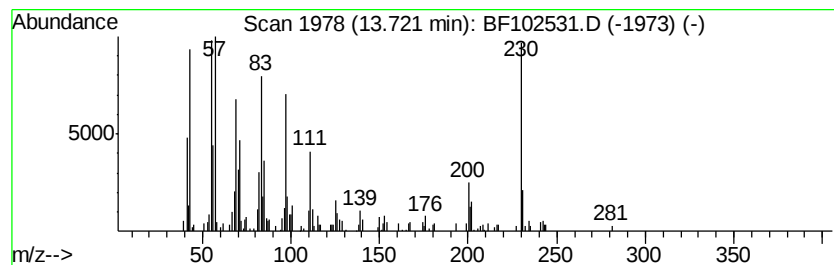
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dichloroacetic acid, heptad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	5.38 ng	287488	Chrysene-d12	13.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
2		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
3		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4		1-Pentadecanethiol	244	C15H32S	025276-70-4	93
5		1-Heneicosanol	312	C21H44O	015594-90-8	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102531.D
Acq On : 28 Jan 2018 00:45
Operator : SJ/JU
Sample : J1325-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-4632

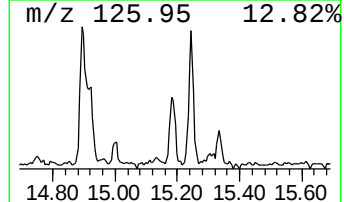
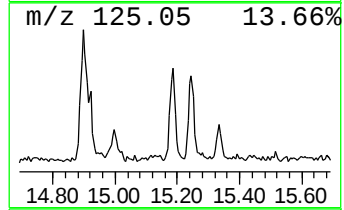
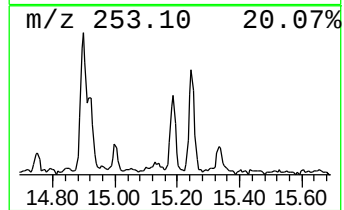
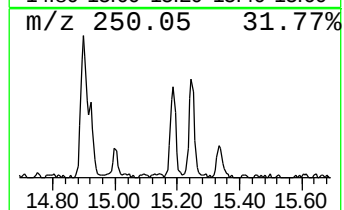
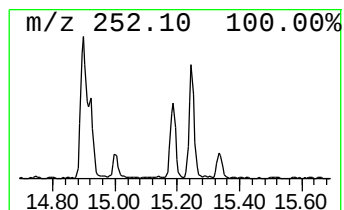
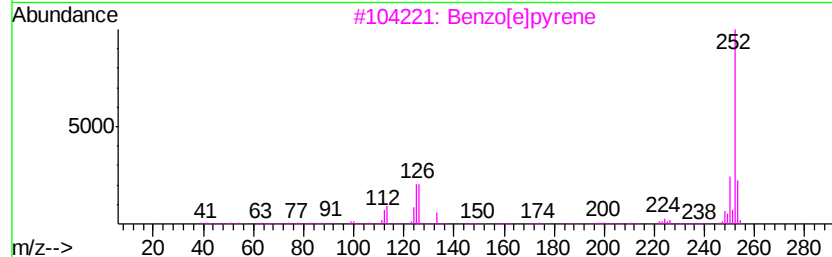
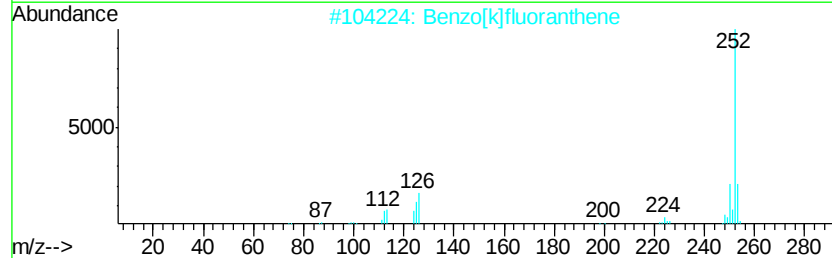
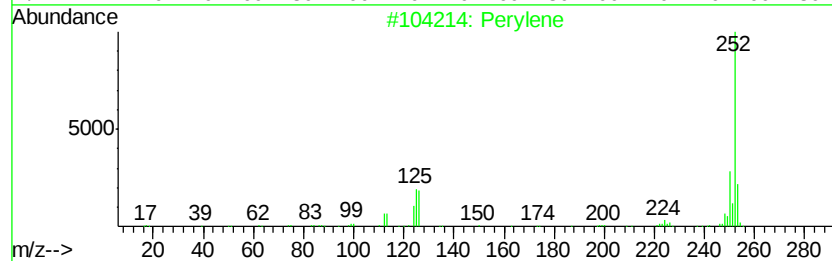
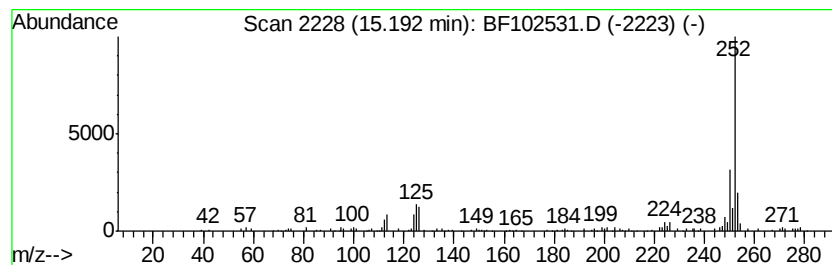
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	4.48 ng	140684	Perylene-d12	15.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene		252	C20H12	000198-55-0	98
2	Benzo[k]fluoranthene		252	C20H12	000207-08-9	97
3	Benzo[e]pyrene		252	C20H12	000192-97-2	96
4	Benz[e]acephenanthrylene		252	C20H12	000205-99-2	95
5	Benzo[a]pyrene		252	C20H12	000050-32-8	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102531.D
Acq On : 28 Jan 2018 00:45
Operator : SJ/JU
Sample : J1325-01
Misc :
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Instrument :
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ClientSampleId :
RO-4632

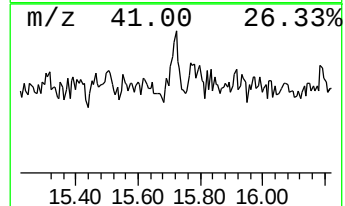
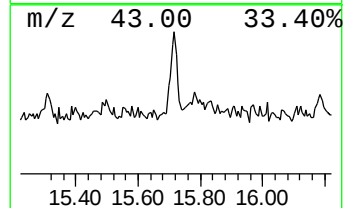
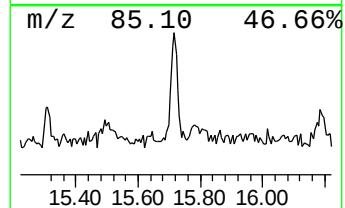
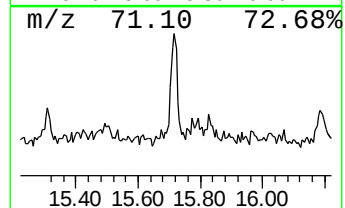
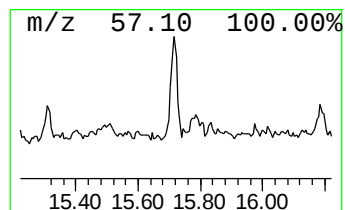
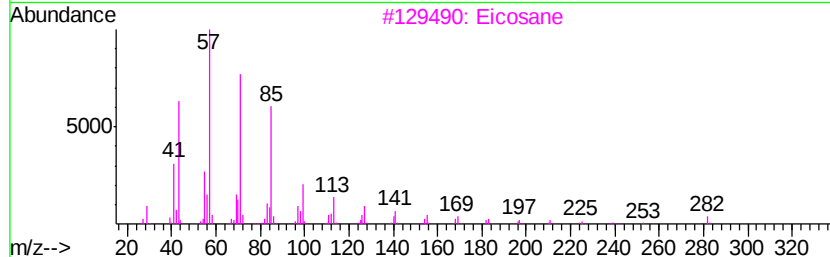
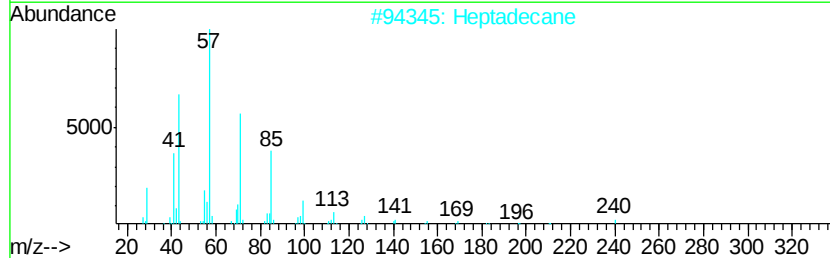
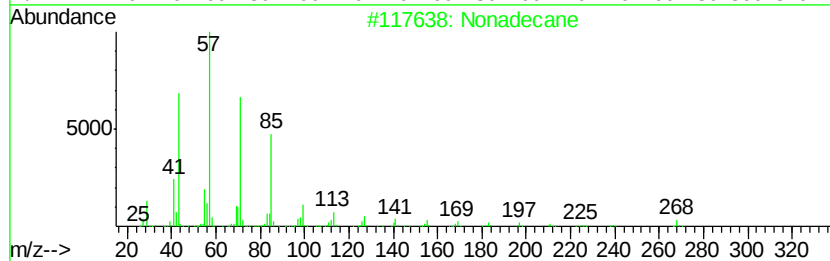
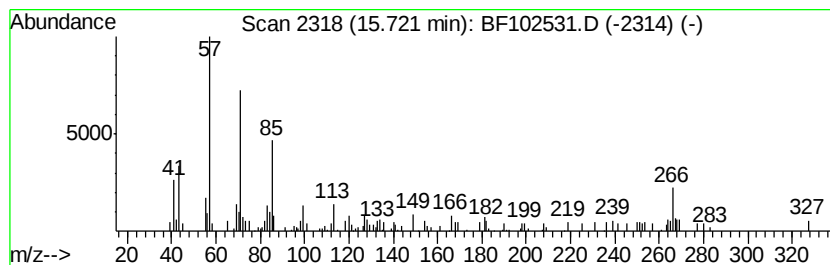
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	2.63 ng	82680	Perylene-d12	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	95
2		Heptadecane	240	C17H36	000629-78-7	90
3		Eicosane	282	C20H42	000112-95-8	89
4		Hexadecane	226	C16H34	000544-76-3	81
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102531.D
Acq On : 28 Jan 2018 00:45
Operator : SJ/JU
Sample : J1325-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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...	4.92	4.5 ng		169478	1	6.72	751618	20.0
unknown6.49	6.49	77.4 ng		2910210	1	6.72	751618	20.0
Hexadecane	9.67	2.3 ng		93781	3	9.75	814795	20.0
Pentadecane	10.65	3.9 ng		132916	4	11.23	684395	20.0
4H-Cyclopenta[def...	11.85	2.1 ng		72229	4	11.23	684395	20.0
unknown12.32	12.32	2.0 ng		70046	4	11.23	684395	20.0
Dichloroacetic ac...	13.72	5.4 ng		287488	5	13.87	1068490	20.0
Perylene	15.19	4.5 ng		140684	6	15.30	628205	20.0
Nonadecane	15.72	2.6 ng		82680	6	15.30	628205	20.0