

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
 Data File : BF107172.D
 Acq On : 6 Jul 2018 14:59
 Operator : JU/SJ
 Sample : J3818-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5002

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.184	480	484	494	rBV	133837	161287	10.82%	0.987%
2	5.589	549	553	569	rBV	1184600	1164964	78.17%	7.128%
3	6.589	719	723	735	rBV	1110135	1228840	82.46%	7.519%
4	6.725	741	746	749	rBV	1311378	1214459	81.50%	7.431%
5	6.942	780	783	787	rBV	412359	338162	22.69%	2.069%
6	7.101	806	810	813	rBV	1101229	983300	65.98%	6.016%
7	7.513	875	880	883	rBV	803101	791562	53.12%	4.843%
8	8.225	997	1001	1015	rBV	449208	456942	30.66%	2.796%
9	9.301	1179	1184	1187	rBV	1605885	1490204	100.00%	9.118%
10	9.695	1247	1251	1257	rVB	303496	263261	17.67%	1.611%
11	9.983	1296	1300	1304	rBV	560273	523174	35.11%	3.201%
12	10.019	1304	1306	1310	rVB	20510	15768	1.06%	0.096%
13	10.536	1390	1394	1398	rVB	18954	16280	1.09%	0.100%
14	10.783	1432	1436	1446	rBV	1026661	963956	64.69%	5.898%
15	11.477	1551	1554	1557	rBV	534068	528977	35.50%	3.237%
16	11.501	1557	1558	1562	rVV	213156	170315	11.43%	1.042%
17	11.560	1565	1568	1571	rVB	42184	36952	2.48%	0.226%
18	11.983	1637	1640	1642	rBV	49360	43163	2.90%	0.264%
19	12.013	1642	1645	1650	rVB2	55908	52606	3.53%	0.322%
20	12.060	1650	1653	1656	rBV	21126	17948	1.20%	0.110%
21	12.095	1656	1659	1661	rVV2	57014	62550	4.20%	0.383%
22	12.118	1661	1663	1665	rVB	31006	24209	1.62%	0.148%
23	12.277	1685	1690	1692	rBV2	26017	27796	1.87%	0.170%
24	12.313	1692	1696	1697	rBV3	21272	17466	1.17%	0.107%
25	12.424	1710	1715	1718	rBV4	15057	18965	1.27%	0.116%
26	12.483	1722	1725	1727	rVV3	22044	16850	1.13%	0.103%
27	12.530	1730	1733	1736	rVV3	38059	37736	2.53%	0.231%
28	12.630	1745	1750	1753	rBV3	15955	22700	1.52%	0.139%
29	12.701	1757	1762	1765	rBV	302231	267255	17.93%	1.635%
30	12.913	1793	1798	1799	rBV2	56778	65480	4.39%	0.401%
31	12.930	1799	1801	1807	rVV	271505	239444	16.07%	1.465%
32	12.977	1807	1809	1812	rVB2	19972	18768	1.26%	0.115%
33	13.065	1819	1824	1827	rBV	1405846	1326244	89.00%	8.115%
34	13.142	1833	1837	1842	rBV2	22529	38053	2.55%	0.233%

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35	13.260	1849	1857	1862	rBV3	61071	100776	6.76%	0.617%
36	13.324	1865	1868	1870	rVB2	27879	21773	1.46%	0.133%
37	13.360	1870	1874	1877	rBV2	30816	39545	2.65%	0.242%
38	13.460	1888	1891	1893	rBV	26095	23824	1.60%	0.146%
39	13.489	1893	1896	1899	rVV	23299	24000	1.61%	0.147%
40	13.530	1900	1903	1905	rVB	19953	16890	1.13%	0.103%
41	13.607	1913	1916	1919	rBV3	22787	19810	1.33%	0.121%
42	13.736	1935	1938	1941	rBV4	14774	20246	1.36%	0.124%
43	13.771	1941	1944	1947	rVB	32645	30185	2.03%	0.185%
44	13.883	1960	1963	1965	rBV2	26307	23891	1.60%	0.146%
45	13.907	1965	1967	1969	rVV	28011	19638	1.32%	0.120%
46	13.936	1969	1972	1978	rVV2	209480	265131	17.79%	1.622%
47	13.983	1978	1980	1985	rVB	35955	36812	2.47%	0.225%
48	14.077	1993	1996	1999	rBV	180993	144331	9.69%	0.883%
49	14.130	2000	2005	2008	rVV2	498803	617391	41.43%	3.778%
50	14.160	2008	2010	2016	rVB	154335	135881	9.12%	0.831%
51	14.242	2021	2024	2025	rBV2	30439	27946	1.88%	0.171%
52	14.483	2063	2065	2067	rBV2	17243	15609	1.05%	0.096%
53	14.524	2070	2072	2074	rVB	37037	26471	1.78%	0.162%
54	14.583	2075	2082	2088	rBV3	189527	305210	20.48%	1.867%
55	14.883	2130	2133	2136	rVB	30412	27875	1.87%	0.171%
56	15.042	2156	2160	2164	rBV2	95798	103315	6.93%	0.632%
57	15.212	2185	2189	2191	rBV	137836	203429	13.65%	1.245%
58	15.271	2196	2199	2205	rVV2	87795	146314	9.82%	0.895%
59	15.324	2206	2208	2212	rVB	45306	47244	3.17%	0.289%
60	15.536	2240	2244	2250	rVB	86429	112415	7.54%	0.688%
61	15.601	2251	2255	2259	rBV	105766	150440	10.10%	0.920%
62	15.671	2262	2267	2271	rBV	328571	407934	27.37%	2.496%
63	15.848	2293	2297	2304	rVB2	78646	106566	7.15%	0.652%
64	16.089	2333	2338	2345	rVB	79912	120665	8.10%	0.738%
65	16.612	2424	2427	2432	rBV6	15903	31454	2.11%	0.192%
66	16.930	2476	2481	2489	rVB3	47117	94845	6.36%	0.580%
67	17.242	2528	2534	2542	rVB3	68060	148533	9.97%	0.909%
68	17.430	2564	2566	2572	rVB6	17371	30082	2.02%	0.184%
69	17.730	2612	2617	2623	rVB	27104	51626	3.46%	0.316%

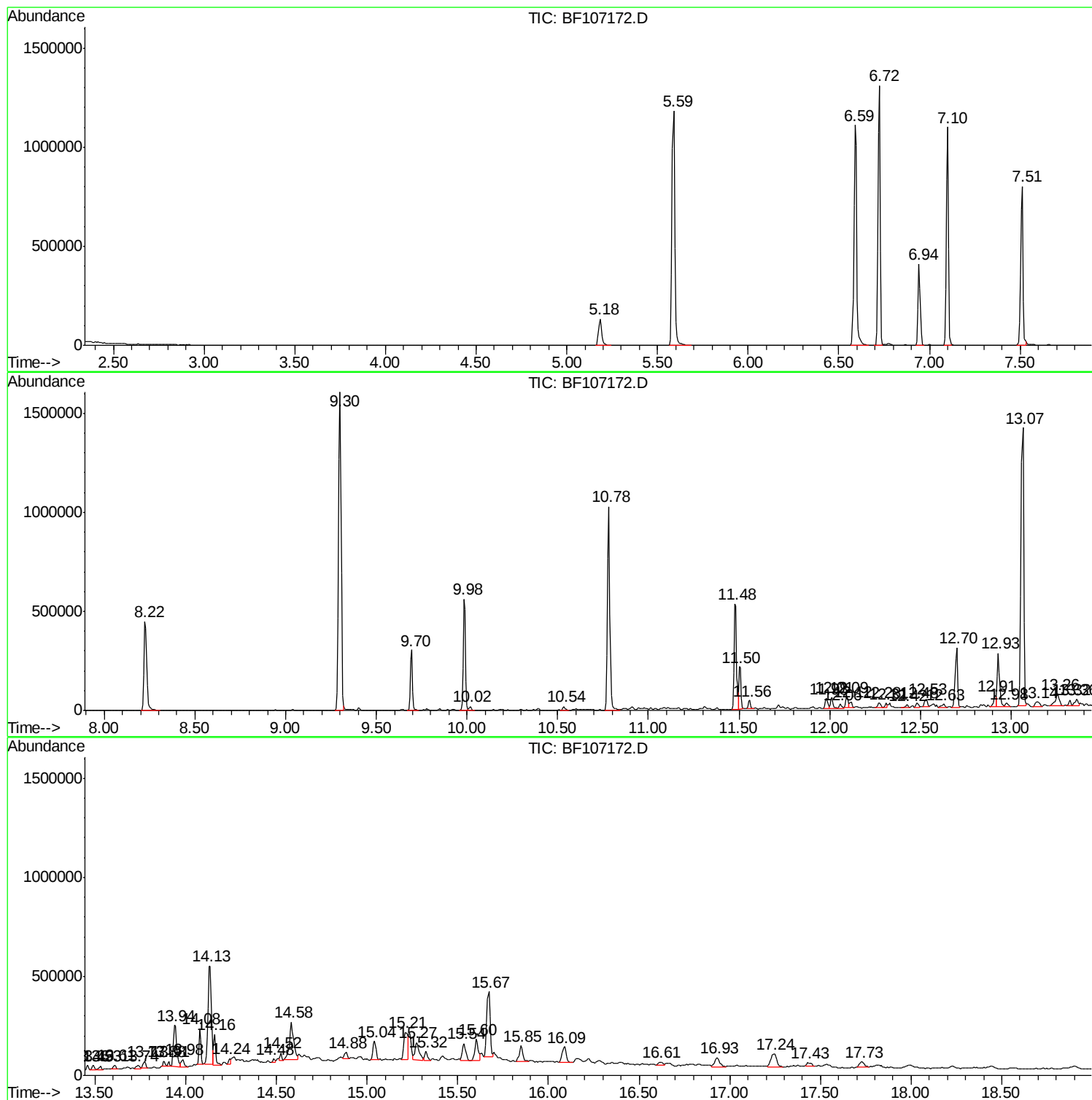
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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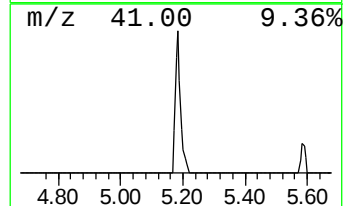
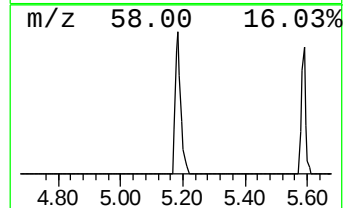
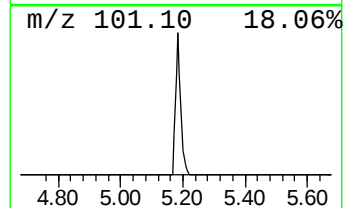
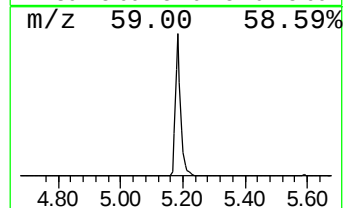
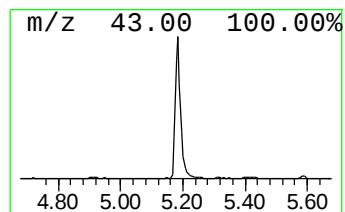
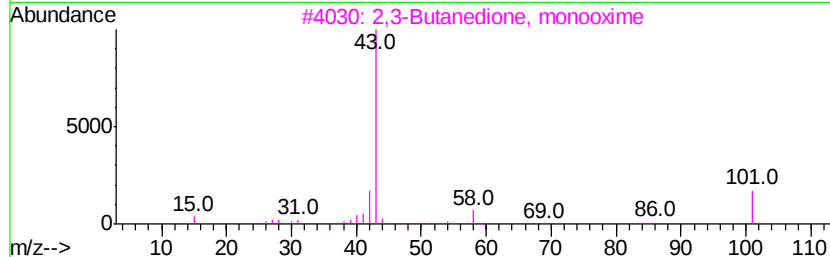
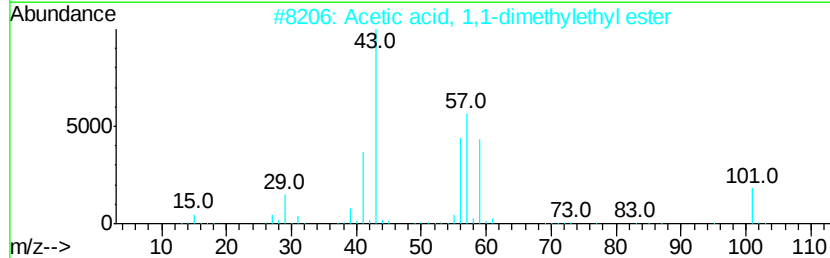
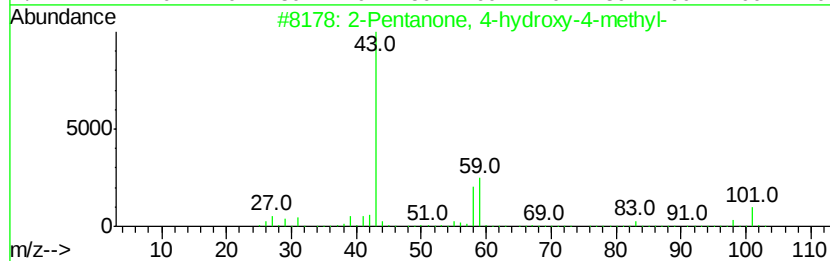
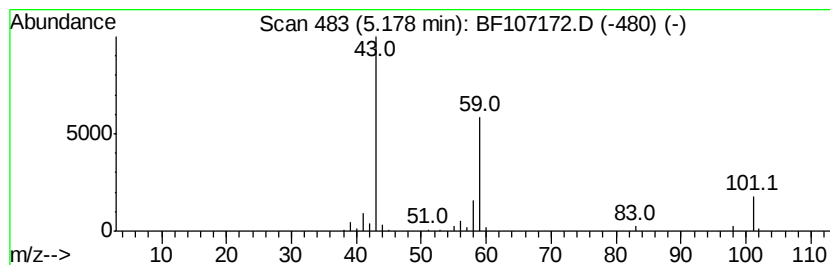
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	9.54 ng	161287	1,4-Dichlorobenzene-d4	6.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
4			3-Hexanol	102	C6H14O	000623-37-0	28
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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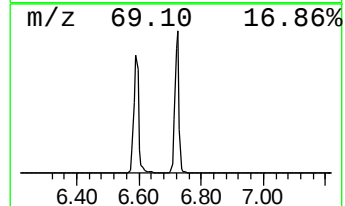
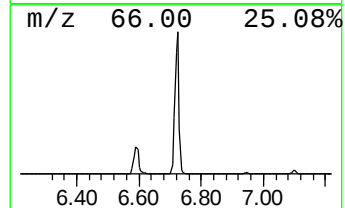
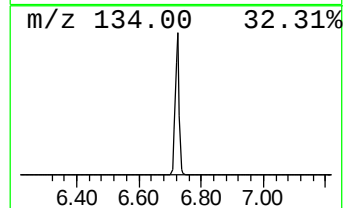
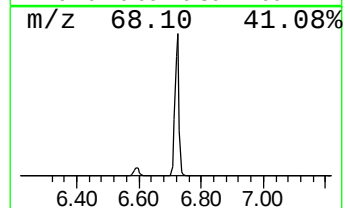
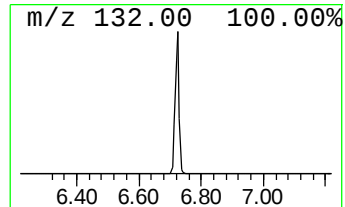
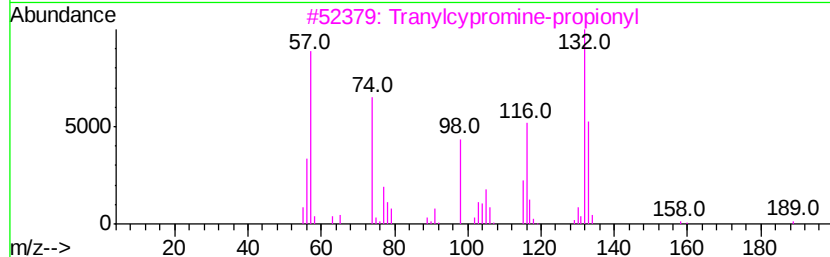
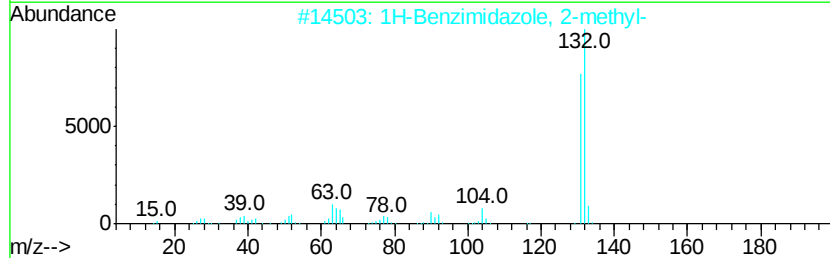
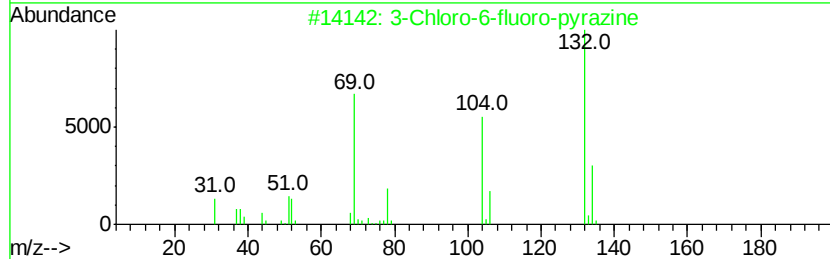
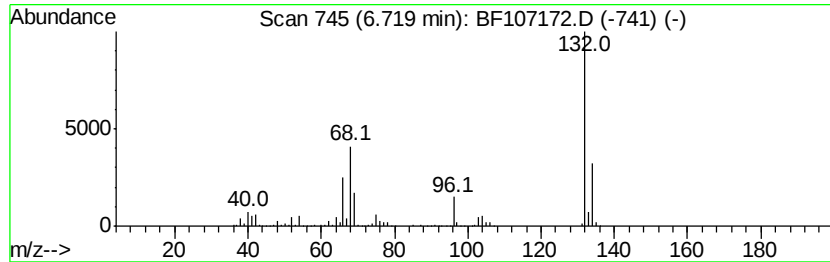
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	71.83 ng	1214460	1,4-Dichlorobenzene-d4	6.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3			Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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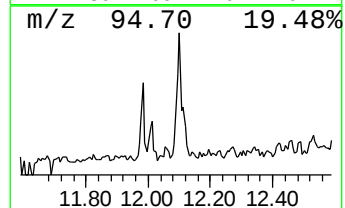
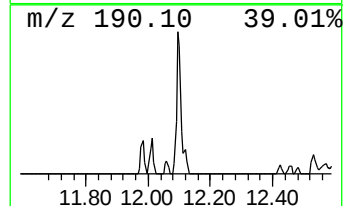
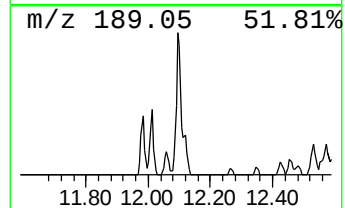
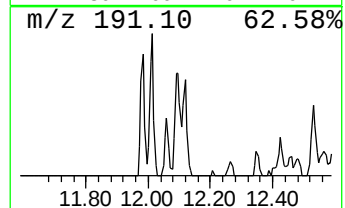
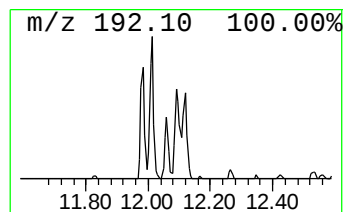
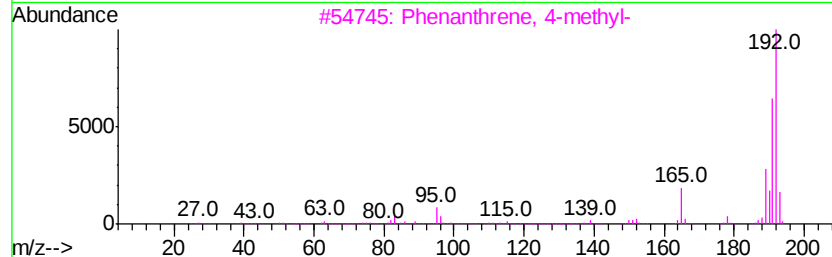
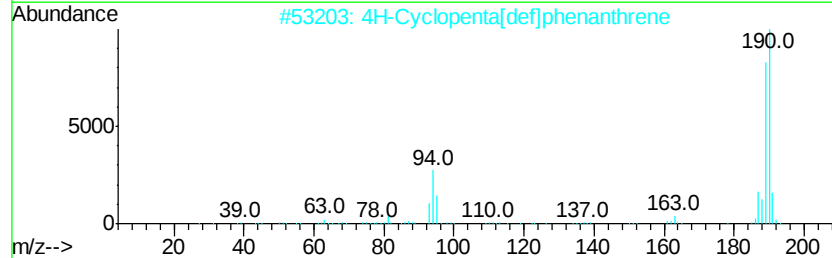
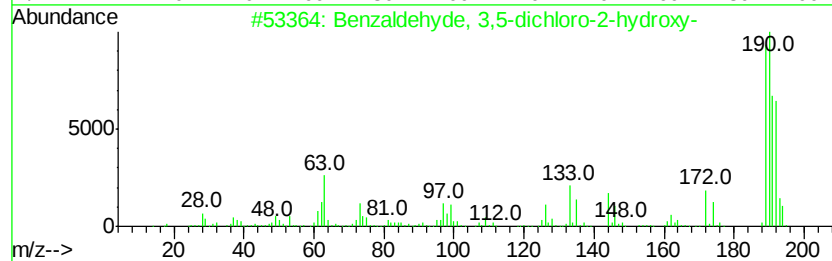
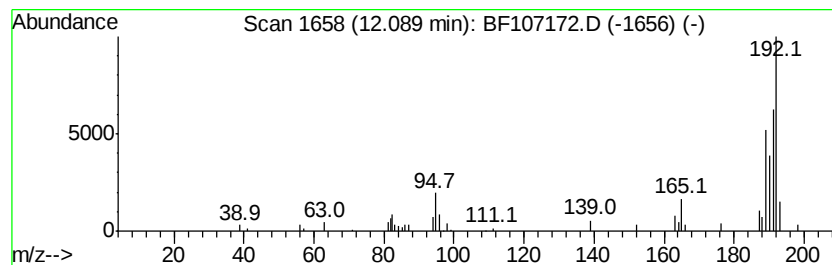
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Peak Number 4 Benzaldehyde, 3,5-dichloro-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	2.36 ng	62550	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehydve, 3,5-dichloro-2-hvd...	190	C7H4Cl2O2	000090-60-8	72
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
4		5H-Dibenzof[a,d]cycloheptene	192	C15H12	000256-81-5	30
5		Benzene, 1,1'-(1,2-propadienyld...	192	C15H12	014251-57-1	30



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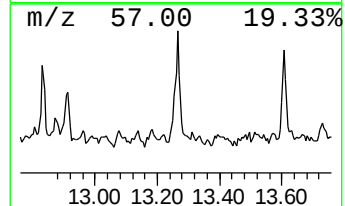
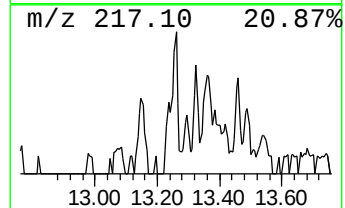
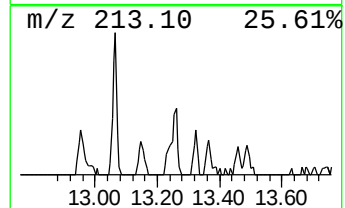
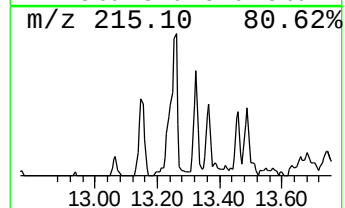
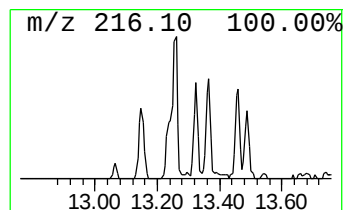
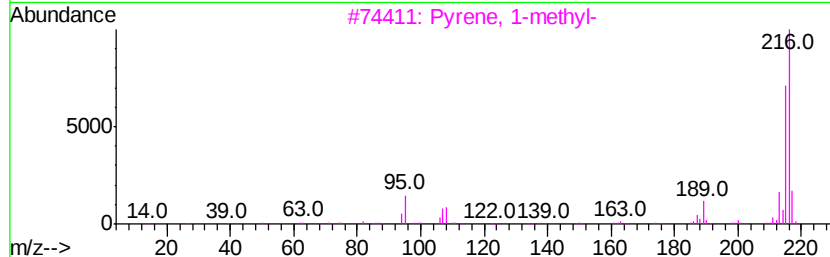
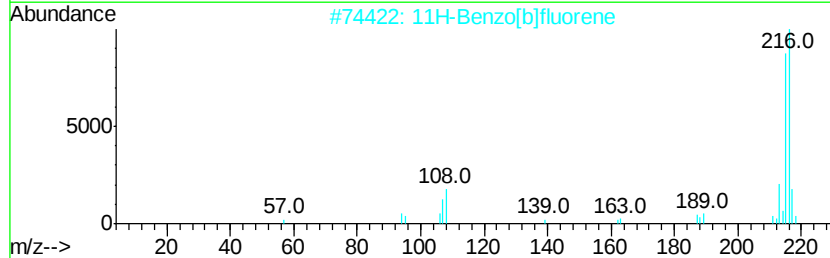
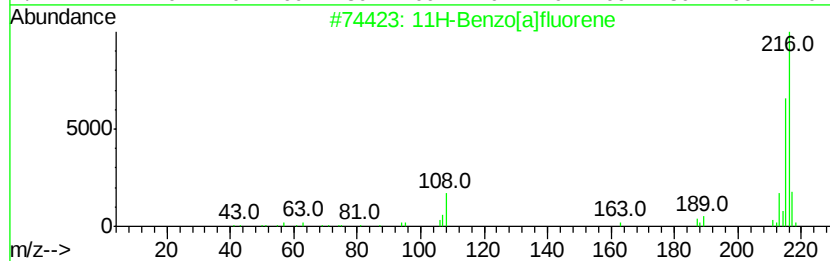
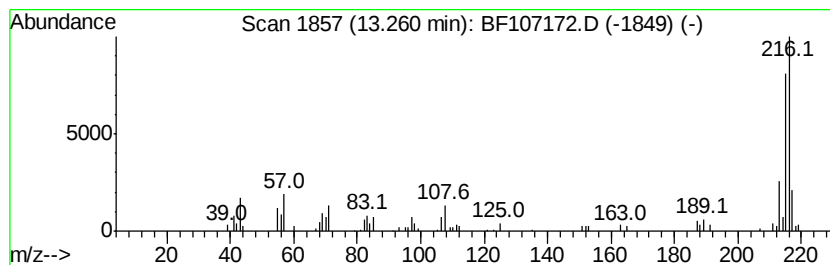
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Peak Number 5 11H-Benzo[a]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	3.26 ng	100776	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	90
4		Pvrene, 2-methyl-	216	C17H12	003442-78-2	87
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107172.D
Acq On : 6 Jul 2018 14:59
Operator : JU/SJ
Sample : J3818-01
Misc :
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Instrument :
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ClientSampleId :
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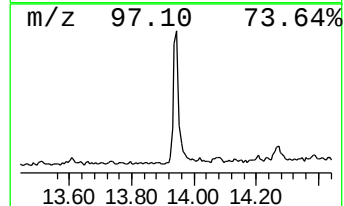
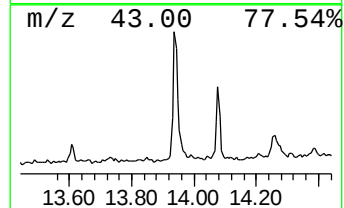
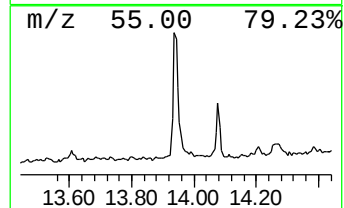
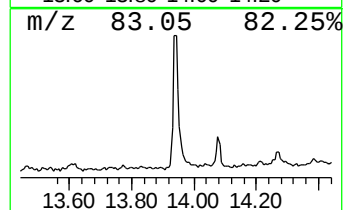
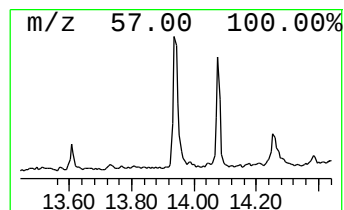
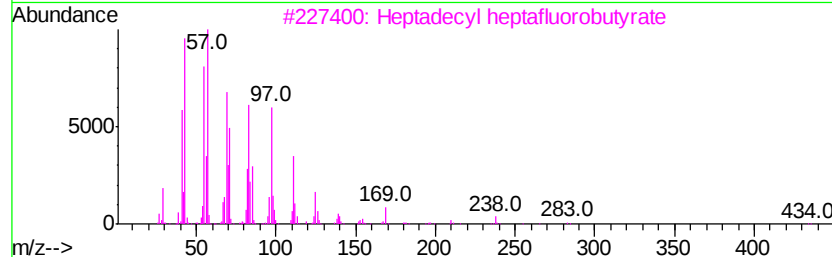
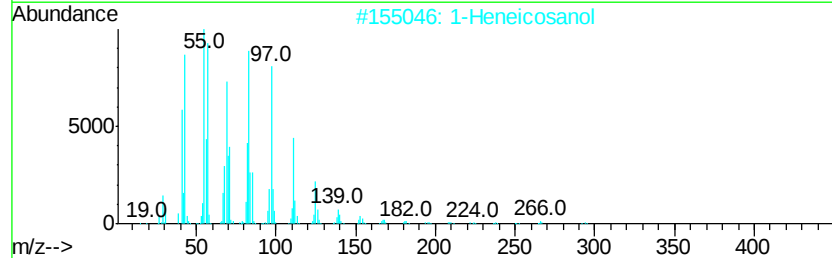
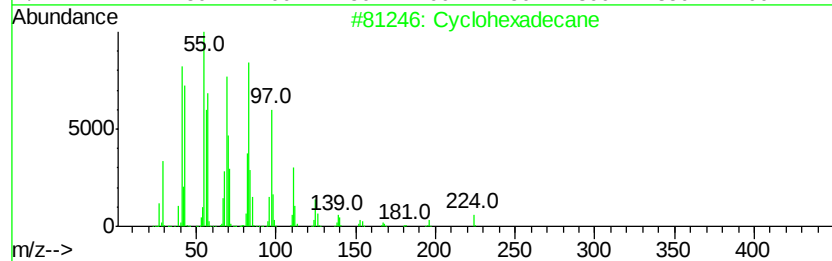
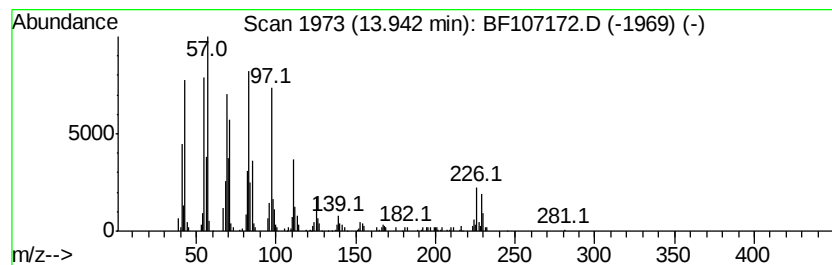
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	8.59 ng	265131	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	99
2		1-Heneicosanol	312	C21H44O	015594-90-8	91
3		Heptadecyl heptafluorobutvrate	452	C21H35F7O2	959085-66-6	83
4		Pentafluoropropionic acid, hexadecyl...	388	C19H33F5O2	006222-07-7	81
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107172.D
Acq On : 6 Jul 2018 14:59
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Sample : J3818-01
Misc :
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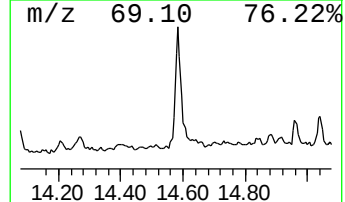
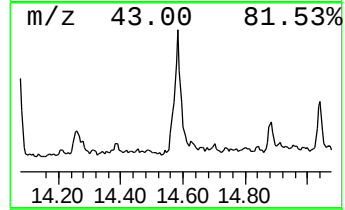
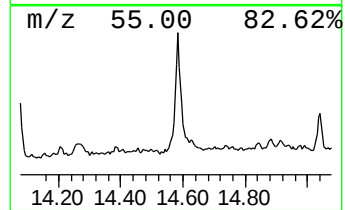
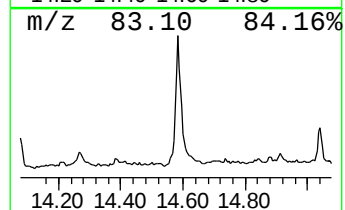
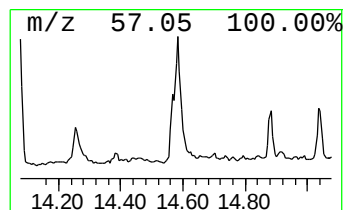
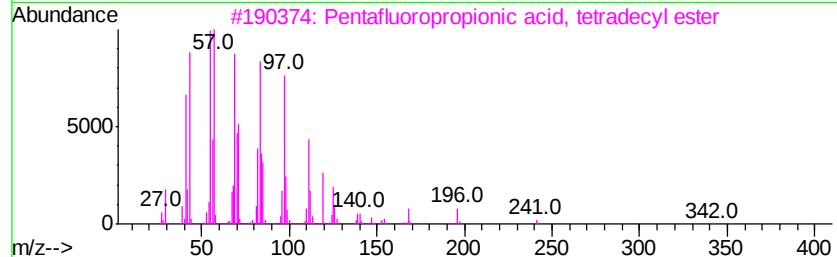
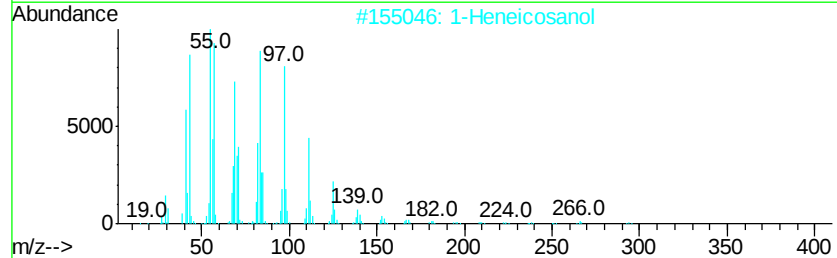
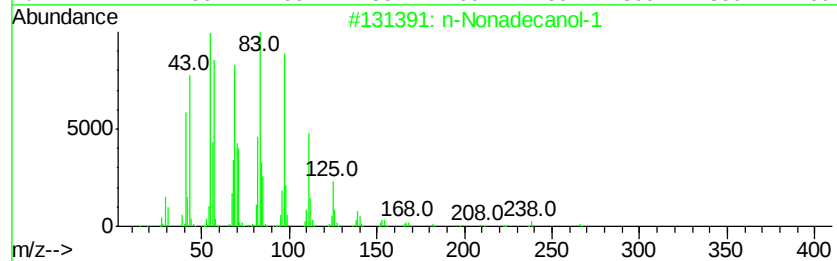
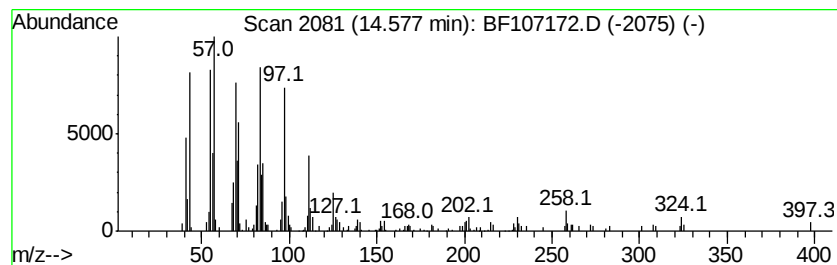
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Nonadecanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	9.89 ng	305210	Chrysene-d12	14.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95	
2	1-Heneicosanol	312	C21H44O	015594-90-8	94	
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94	
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94	
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107172.D
Acq On : 6 Jul 2018 14:59
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Sample : J3818-01
Misc :
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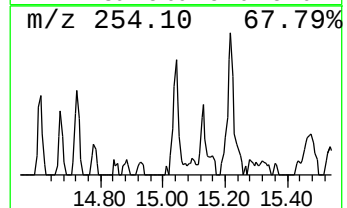
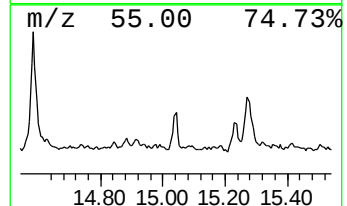
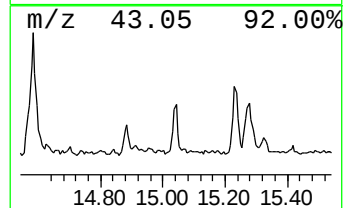
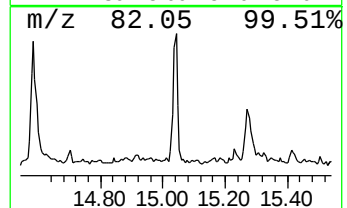
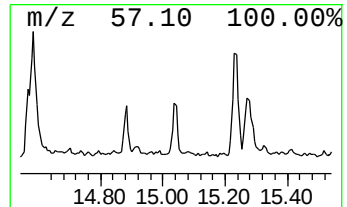
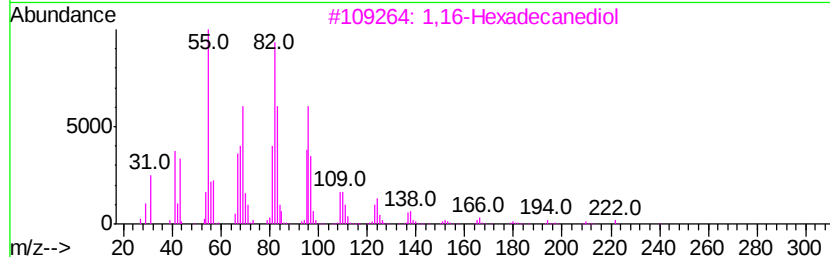
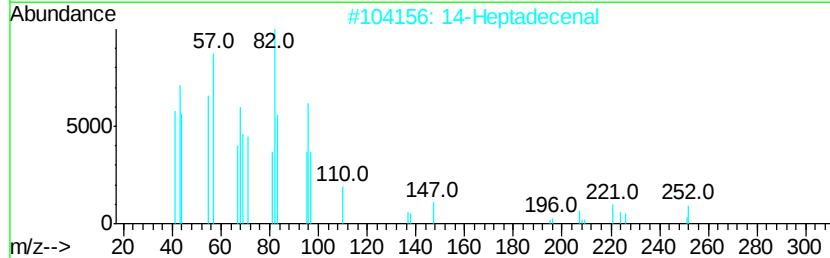
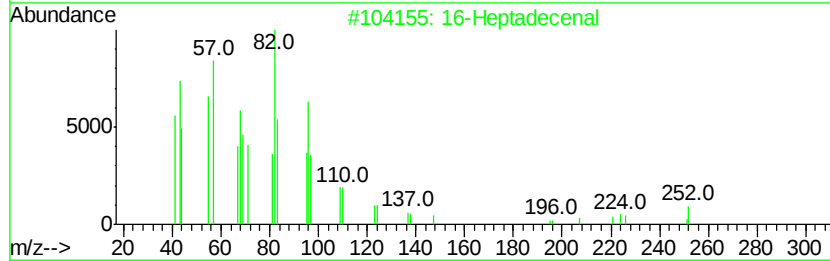
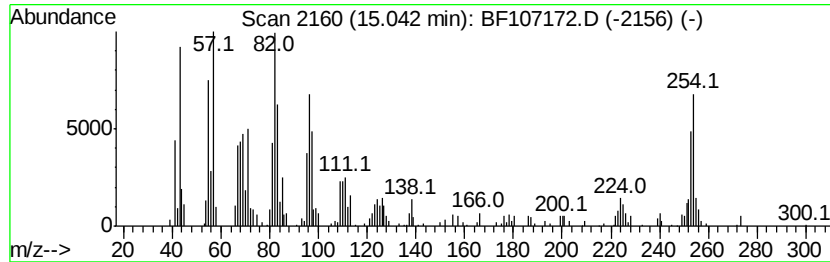
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 16-Heptadecenal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	5.07 ng	103315	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Heptadecenal	252	C17H32O	1000144-57-9	91
2	14-Heptadecenal	252	C17H32O	1000144-58-0	90
3	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	60
4	Octadecanal	268	C18H36O	000638-66-4	60
5	13-Octadecenal	266	C18H34O	056554-90-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107172.D
Acq On : 6 Jul 2018 14:59
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Sample : J3818-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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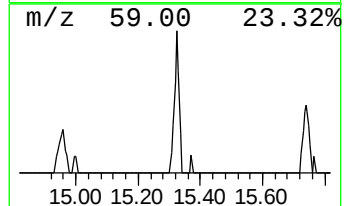
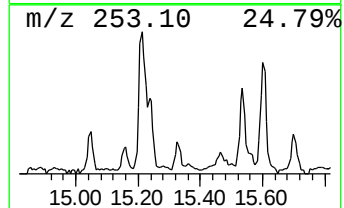
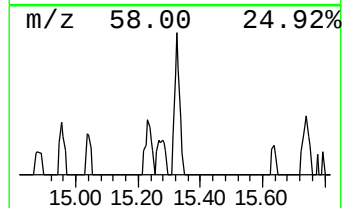
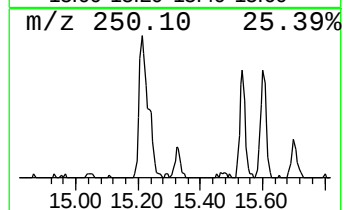
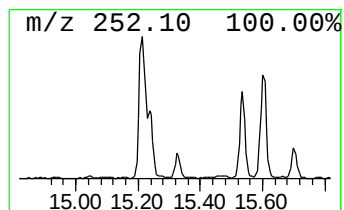
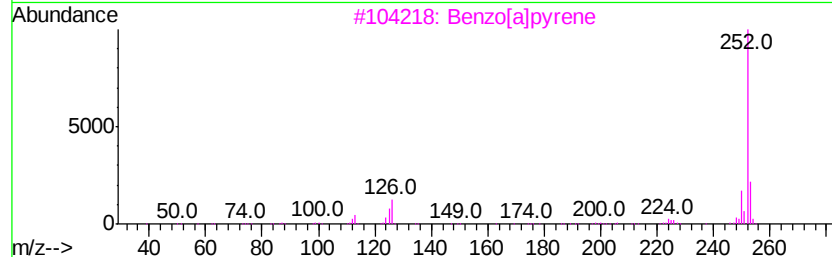
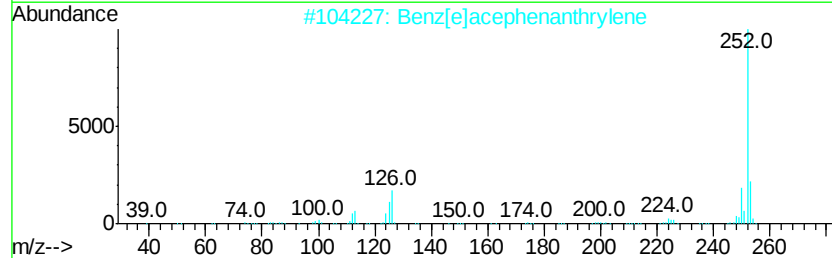
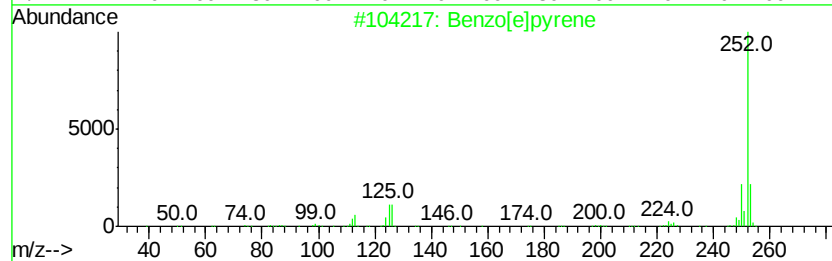
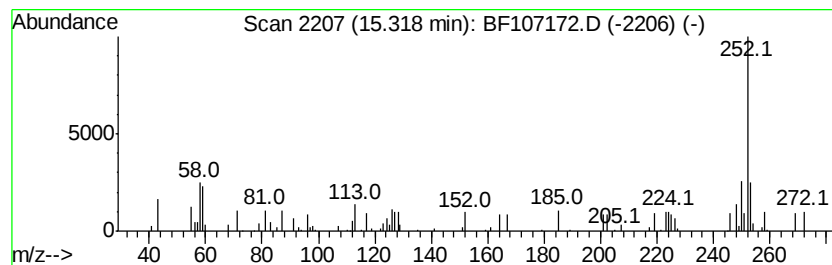
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	2.32 ng	47244	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	70
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	70
3		Benzo[a]pyrene	252	C20H12	000050-32-8	62
4		Perylene	252	C20H12	000198-55-0	60
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
 Data File : BF107172.D
 Acq On : 6 Jul 2018 14:59
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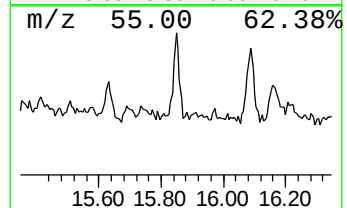
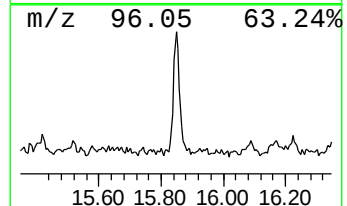
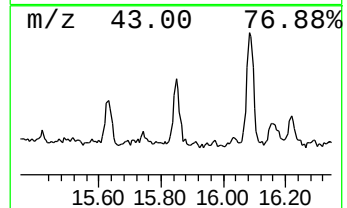
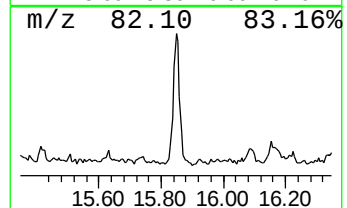
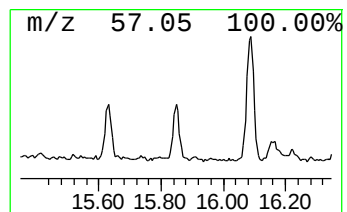
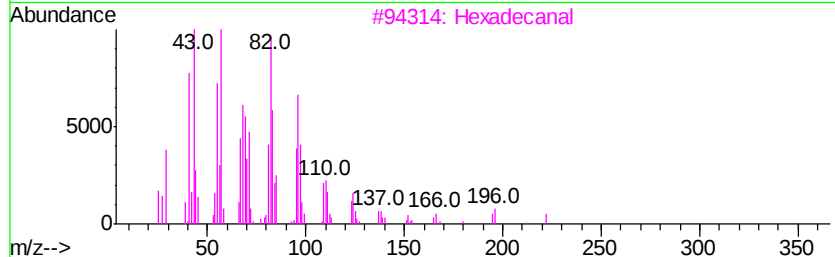
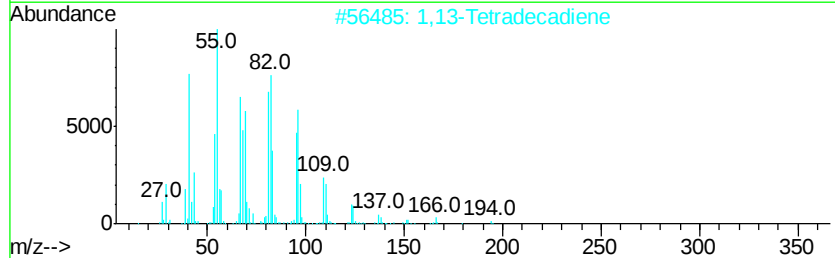
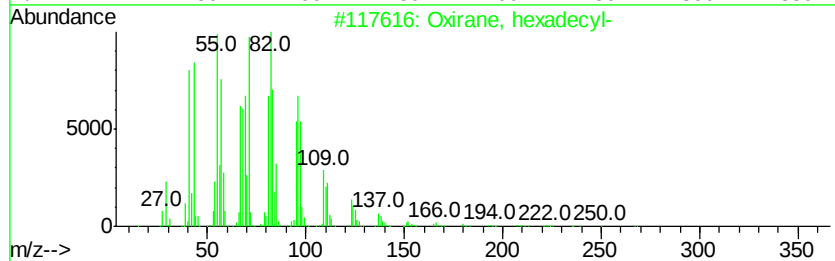
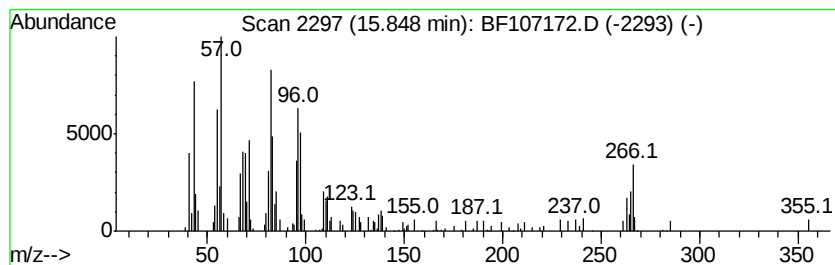
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 11 Oxirane, hexadecyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	5.22 ng	106566	Perylene-d12	15.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	81
2			1,13-Tetradecadiene	194	C14H26	021964-49-8	78
3			Hexadecanal	240	C16H32O	000629-80-1	76
4			Octadecanal	268	C18H36O	000638-66-4	76
5			1,19-Eicosadiene	278	C20H38	014811-95-1	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
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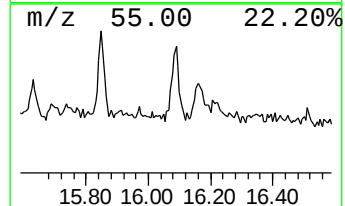
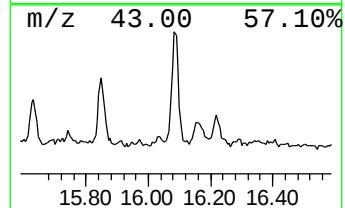
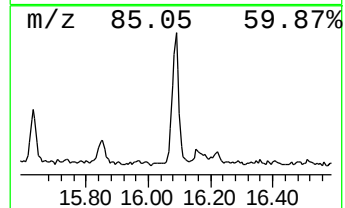
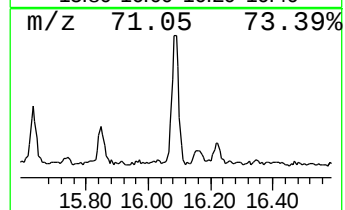
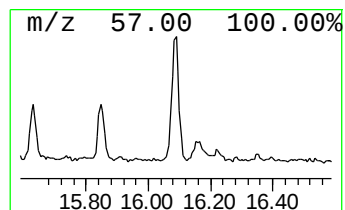
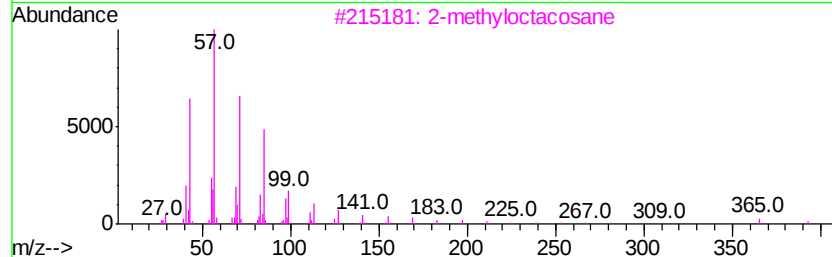
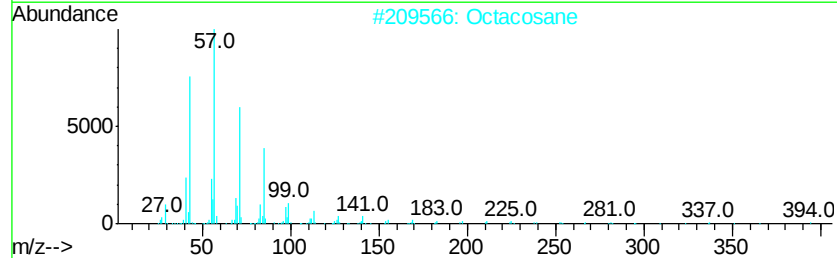
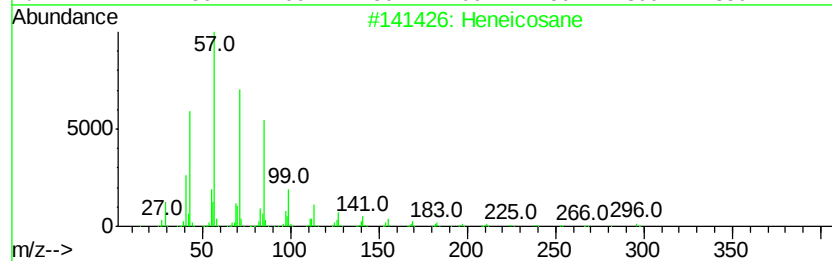
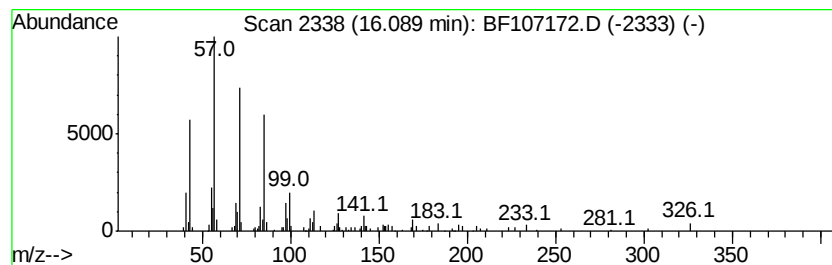
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	5.92 ng	120665	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		triacontane	422	C30H62	000638-68-6	91



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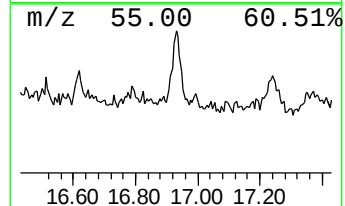
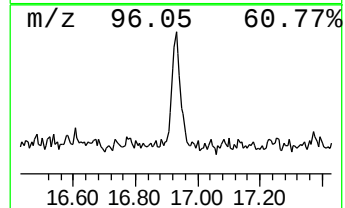
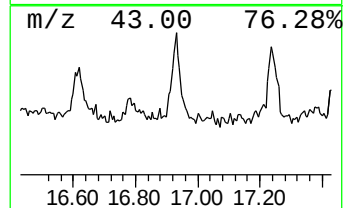
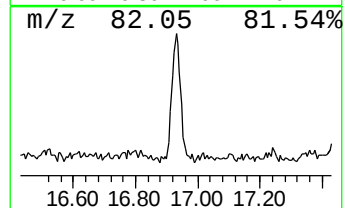
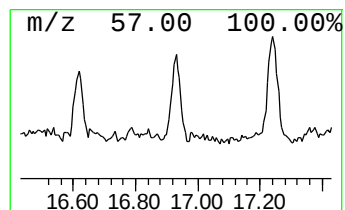
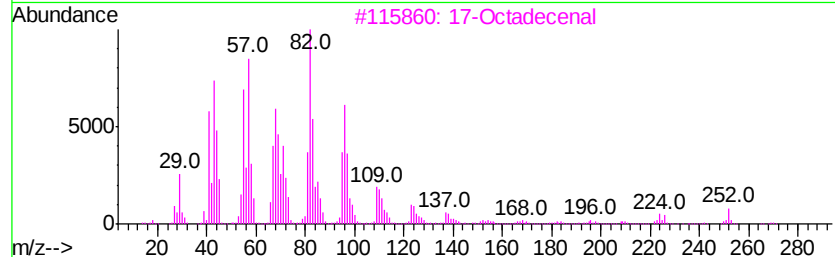
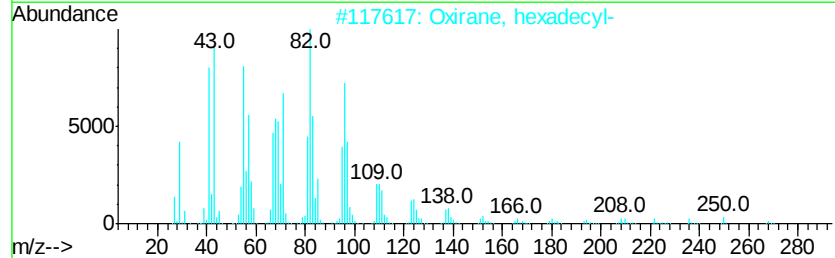
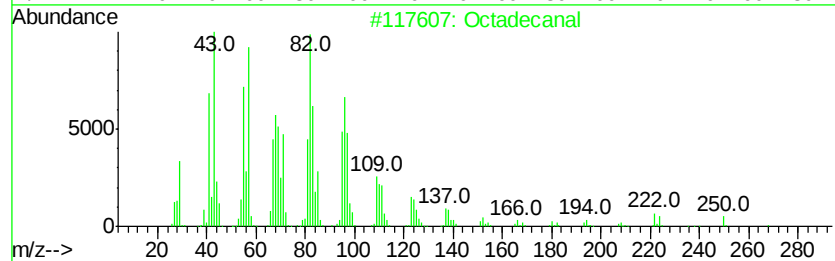
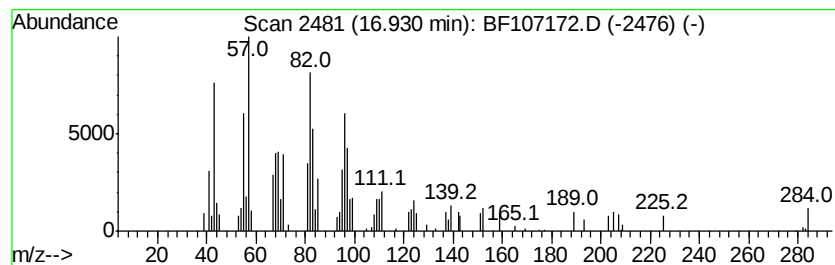
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Octadecanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	4.65 ng	94845	Perylene-d12	15.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanal	268	C18H36O	000638-66-4	91
2			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3			17-Octadecenal	266	C18H34O	056554-86-0	80
4			16-Heptadecenal	252	C17H32O	1000144-57-9	72
5			Hexadecanal	240	C16H32O	000629-80-1	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070618\
 Data File : BF107172.D
 Acq On : 6 Jul 2018 14:59
 Operator : JU/SJ
 Sample : J3818-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5002

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.18	9.5	ng	161287	1	6.94	338162	20.0
unknown6.72	6.72	71.8	ng	1214460	1	6.94	338162	20.0
Benzaldehyde, 3,5...	12.09	2.4	ng	62550	4	11.48	528977	20.0
11H-Benzo[a]fluorene	13.26	3.3	ng	100776	5	14.14	617391	20.0
Cyclohexadecane	13.94	8.6	ng	265131	5	14.14	617391	20.0
n-Nonadecanol-1	14.58	9.9	ng	305210	5	14.14	617391	20.0
16-Heptadecenal	15.04	5.1	ng	103315	6	15.67	407934	20.0
Benzo[e]pyrene	15.32	2.3	ng	47244	6	15.67	407934	20.0
Oxirane, hexadecyl-	15.85	5.2	ng	106566	6	15.67	407934	20.0
Heneicosane	16.09	5.9	ng	120665	6	15.67	407934	20.0
Octadecanal	16.93	4.7	ng	94845	6	15.67	407934	20.0