

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
 Data File : BF114468.D
 Acq On : 21 May 2019 20:42
 Operator : JU/SJ
 Sample : K2641-01 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-050719-A

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-BF051019.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	5.457	569	573	590	rBV	1577072	1899957	81.37%	4.615%
2	6.469	742	745	764	rBV	1916691	2101389	89.99%	5.104%
3	6.604	764	768	776	rVV	2126741	2015367	86.31%	4.896%
4	6.828	802	806	814	rBV	1502061	1254956	53.74%	3.048%
5	6.981	829	832	848	rBV	1603814	1607594	68.85%	3.905%
6	7.386	898	901	915	rBV	1100979	1269360	54.36%	3.083%
7	8.110	1021	1024	1048	rVB	1803237	1812532	77.62%	4.403%
8	8.828	1143	1146	1153	rBV	216794	218362	9.35%	0.530%
9	8.928	1159	1163	1168	rBV	167643	175957	7.54%	0.427%
10	9.186	1203	1207	1216	rBV	2500535	2335067	100.00%	5.672%
11	9.286	1222	1224	1230	rVB	55279	57802	2.48%	0.140%
12	9.386	1238	1241	1247	rVB	35901	41488	1.78%	0.101%
13	9.457	1248	1253	1258	rVV	93781	131247	5.62%	0.319%
14	9.528	1261	1265	1267	rVV	142374	157550	6.75%	0.383%
15	9.551	1267	1269	1271	rVV	94964	88075	3.77%	0.214%
16	9.580	1271	1274	1279	rVV	259556	273196	11.70%	0.664%
17	9.645	1281	1285	1294	rVB	60822	85449	3.66%	0.208%
18	9.728	1296	1299	1303	rVB	53921	49784	2.13%	0.121%
19	9.792	1305	1310	1315	rVB	32080	42670	1.83%	0.104%
20	9.863	1315	1322	1325	rBV	1911871	1926250	82.49%	4.679%
21	9.898	1325	1328	1337	rVV	888463	769138	32.94%	1.868%
22	9.980	1337	1342	1345	rVV3	28197	48077	2.06%	0.117%
23	10.022	1345	1349	1352	rVV2	52851	53093	2.27%	0.129%
24	10.075	1354	1358	1362	rVV	267215	288305	12.35%	0.700%
25	10.110	1362	1364	1369	rVV2	48899	51521	2.21%	0.125%
26	10.180	1373	1376	1379	rBV	31175	37172	1.59%	0.090%
27	10.210	1379	1381	1387	rVB2	21945	26045	1.12%	0.063%
28	10.275	1388	1392	1393	rBV2	22731	27020	1.16%	0.066%
29	10.292	1393	1395	1397	rVB	57857	44150	1.89%	0.107%
30	10.416	1412	1416	1421	rBV2	398183	376901	16.14%	0.916%
31	10.498	1428	1430	1437	rVB3	55439	64795	2.77%	0.157%
32	10.569	1440	1442	1446	rVB	64618	59705	2.56%	0.145%
33	10.657	1453	1457	1463	rBV	1393616	1357133	58.12%	3.297%
34	10.763	1472	1475	1476	rBV	56419	45975	1.97%	0.112%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.963	1502	1509	1512	rBV2	69826	90069	3.86%	0.219%
36	11.045	1521	1523	1526	rVB2	33466	25654	1.10%	0.062%
37	11.086	1526	1530	1532	rBV3	26030	36760	1.57%	0.089%
38	11.163	1540	1543	1546	rVB	28110	29773	1.28%	0.072%
39	11.210	1547	1551	1553	rVV2	79113	82162	3.52%	0.200%
40	11.251	1553	1558	1563	rVB	131001	151427	6.48%	0.368%
41	11.351	1571	1575	1577	rBV	2002546	1839964	78.80%	4.469%
42	11.374	1577	1579	1583	rVV	1857801	1589147	68.06%	3.860%
43	11.427	1585	1588	1592	rVV	532435	506664	21.70%	1.231%
44	11.469	1594	1595	1600	rVB3	32298	37461	1.60%	0.091%
45	11.586	1612	1615	1621	rBV	154044	184427	7.90%	0.448%
46	11.639	1621	1624	1627	rVV2	65871	66817	2.86%	0.162%
47	11.686	1629	1632	1638	rVB4	29509	46704	2.00%	0.113%
48	11.763	1643	1645	1649	rBV	21613	30676	1.31%	0.075%
49	11.827	1650	1656	1658	rBV5	17125	31570	1.35%	0.077%
50	11.857	1658	1661	1662	rBV	150970	137994	5.91%	0.335%
51	11.880	1662	1665	1671	rVB2	272390	342672	14.68%	0.832%
52	11.933	1671	1674	1676	rBV	82142	68196	2.92%	0.166%
53	11.969	1676	1680	1682	rBV	371921	349611	14.97%	0.849%
54	12.039	1689	1692	1695	rBV	84507	78676	3.37%	0.191%
55	12.145	1707	1710	1714	rBV	110920	115852	4.96%	0.281%
56	12.186	1714	1717	1721	rVB3	46902	51821	2.22%	0.126%
57	12.298	1731	1736	1739	rBV2	36559	46669	2.00%	0.113%
58	12.327	1739	1741	1744	rBV2	44278	42231	1.81%	0.103%
59	12.404	1751	1754	1756	rBV	93716	91348	3.91%	0.222%
60	12.433	1756	1759	1763	rVV4	78200	124439	5.33%	0.302%
61	12.498	1766	1770	1774	rBV3	80207	104702	4.48%	0.254%
62	12.569	1778	1782	1785	rBV	2130303	1809601	77.50%	4.396%
63	12.598	1785	1787	1791	rVB2	106416	111010	4.75%	0.270%
64	12.633	1791	1793	1795	rBV	31670	27724	1.19%	0.067%
65	12.716	1804	1807	1810	rBV	75812	78986	3.38%	0.192%
66	12.798	1815	1821	1824	rBV	1567068	1707567	73.13%	4.148%
67	12.845	1827	1829	1834	rVB2	71370	87436	3.74%	0.212%
68	12.933	1838	1844	1847	rBV	1872795	1844175	78.98%	4.480%
69	12.963	1847	1849	1853	rVB	54458	55267	2.37%	0.134%
70	13.021	1853	1859	1862	rBV2	92100	162708	6.97%	0.395%
71	13.127	1869	1877	1879	rBV	226345	337249	14.44%	0.819%

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72	13.157	1879	1882	1885	rVV	62891	72620	3.11%	0.176%
73	13.192	1885	1888	1891	rVV	210003	192007	8.22%	0.466%
74	13.227	1891	1894	1901	rVV3	118721	202724	8.68%	0.492%
75	13.321	1907	1910	1913	rBV2	76274	87508	3.75%	0.213%
76	13.357	1913	1916	1917	rBV	69369	76030	3.26%	0.185%
77	13.498	1938	1940	1943	rBV2	63316	52683	2.26%	0.128%
78	13.639	1962	1964	1967	rVB	73651	56376	2.41%	0.137%
79	13.745	1979	1982	1984	rBV	147313	138986	5.95%	0.338%
80	13.768	1984	1986	1989	rVB	93937	73722	3.16%	0.179%
81	13.798	1989	1991	1994	rBV2	93350	127499	5.46%	0.310%
82	13.827	1994	1996	1998	rBV2	96486	100779	4.32%	0.245%
83	13.992	2020	2024	2027	rBV2	1556824	2042815	87.48%	4.962%
84	14.021	2027	2029	2033	rVB	628176	510160	21.85%	1.239%
85	14.104	2040	2043	2045	rVB	114214	93815	4.02%	0.228%
86	14.145	2047	2050	2056	rVV6	92876	137590	5.89%	0.334%
87	14.445	2099	2101	2105	rBV2	143411	156063	6.68%	0.379%
88	15.039	2198	2202	2205	rBV	521074	736488	31.54%	1.789%
89	15.080	2207	2209	2213	rVB	463357	476055	20.39%	1.156%
90	15.339	2250	2253	2258	rVB	274653	322031	13.79%	0.782%
91	15.404	2260	2264	2269	rBV	422349	534190	22.88%	1.298%
92	15.462	2270	2274	2278	rBV	912964	1220595	52.27%	2.965%
93	15.886	2342	2346	2351	rVB	318865	438564	18.78%	1.065%

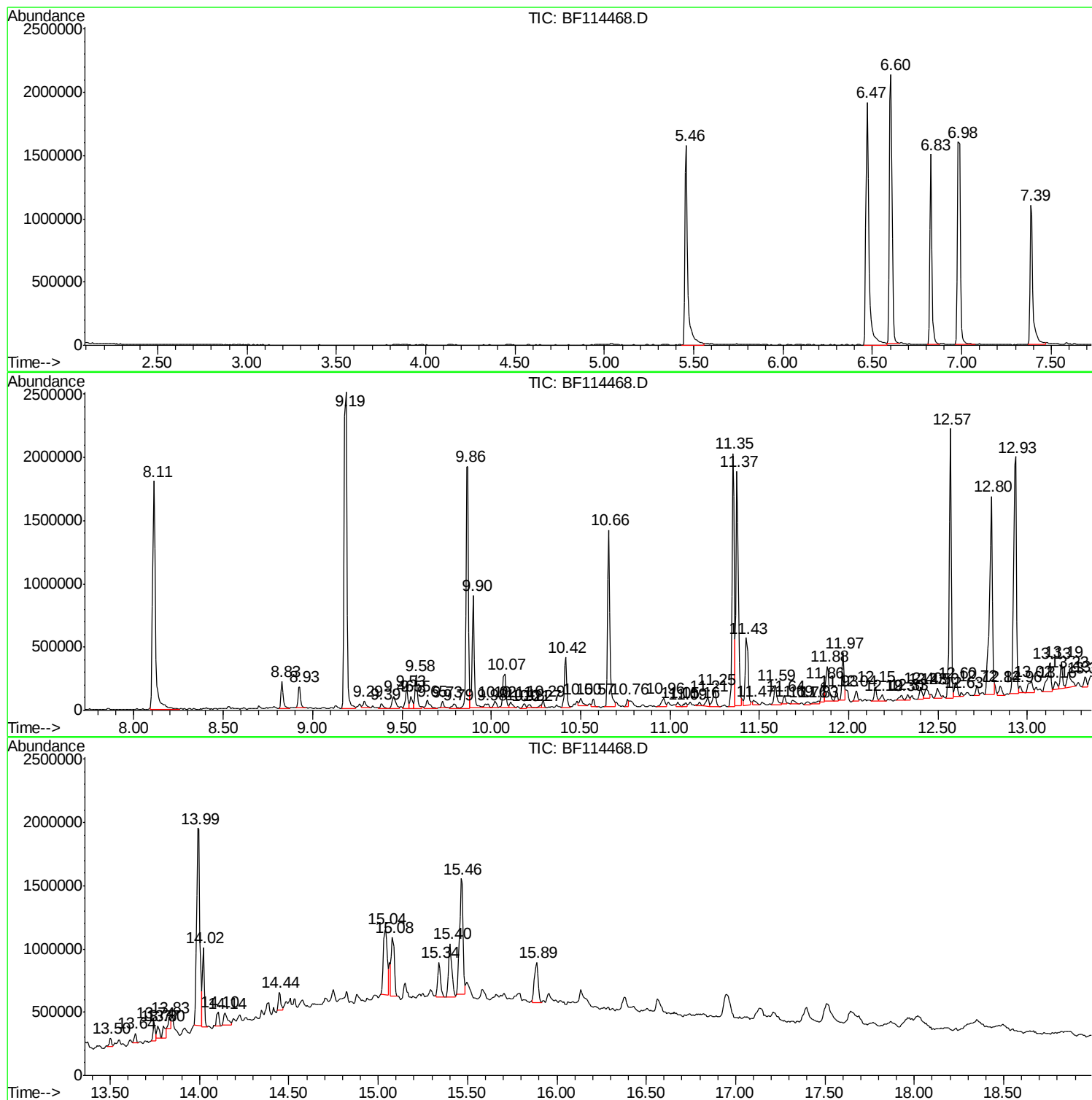
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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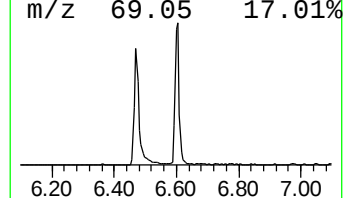
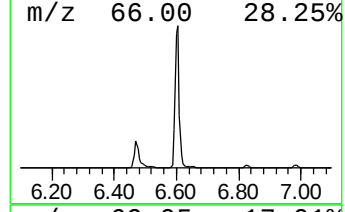
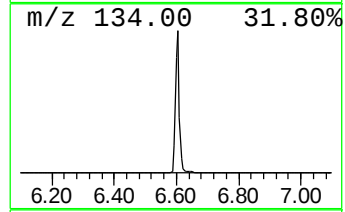
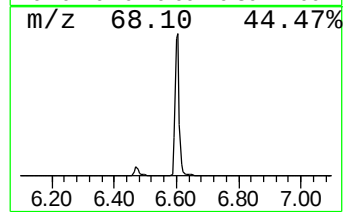
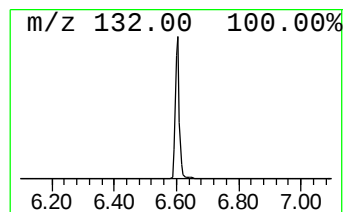
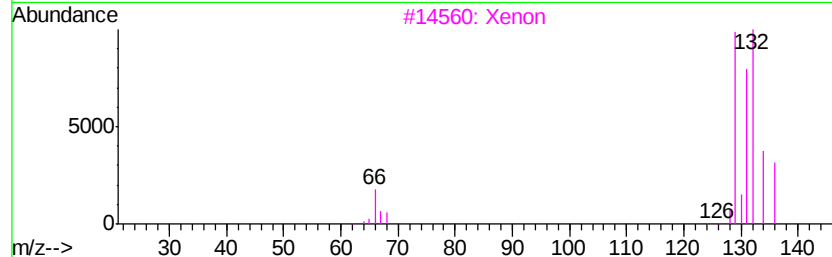
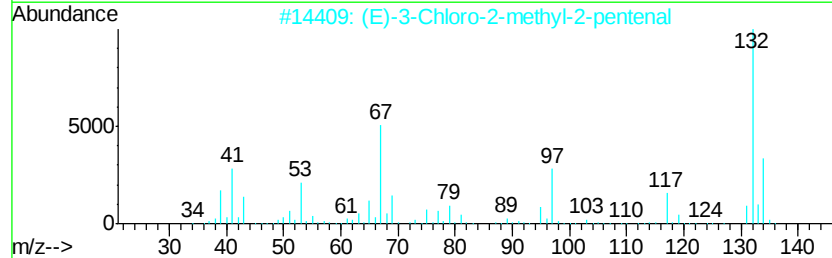
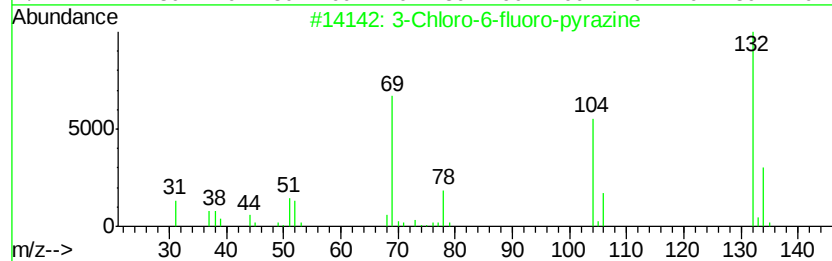
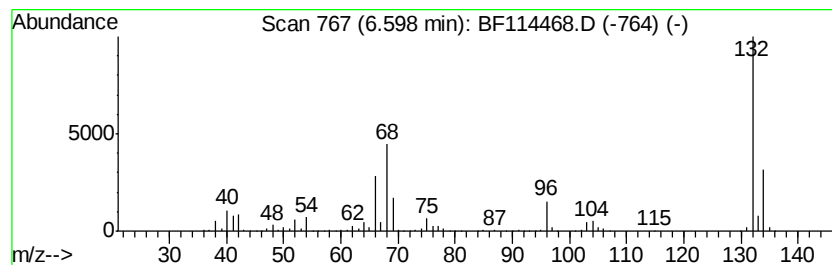
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	32.12 ng	2015370	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3			Xenon	132	Xe	007440-63-3	9
4			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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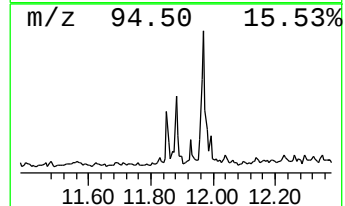
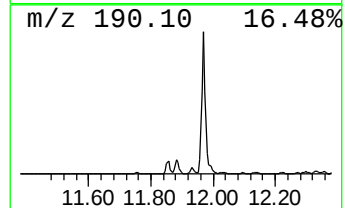
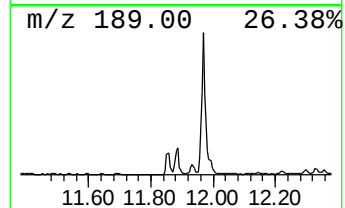
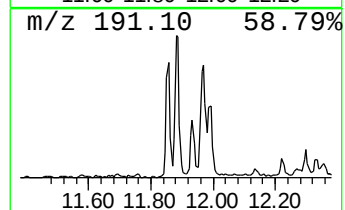
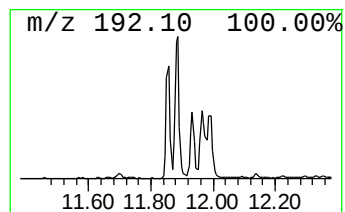
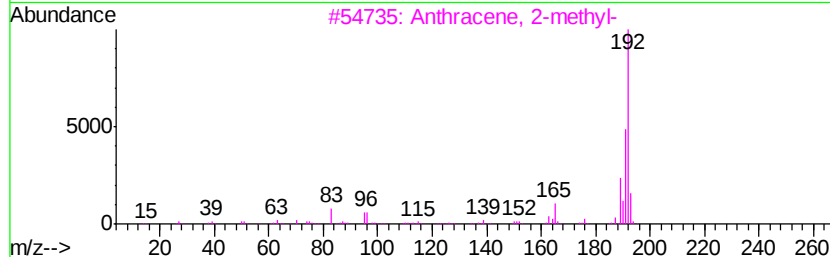
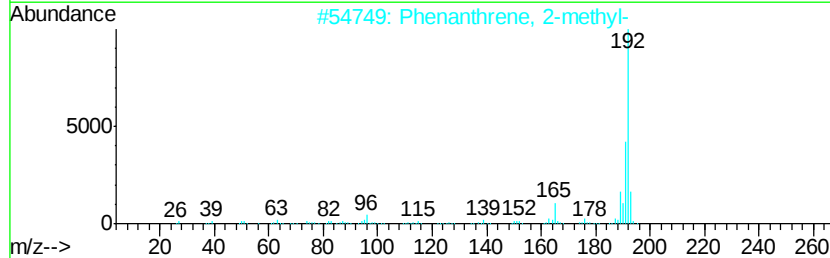
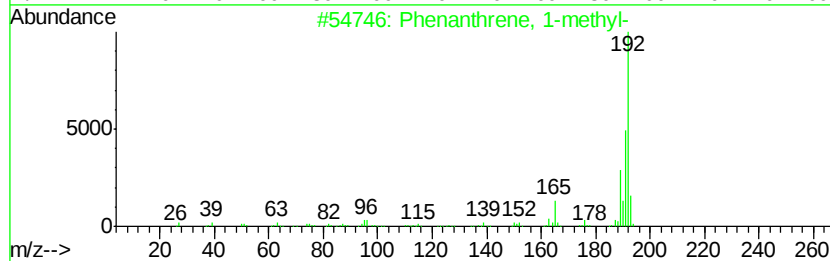
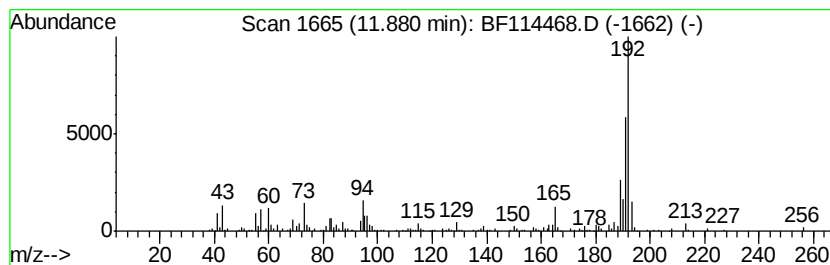
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	3.72 ng	342672	Phenanthrene-d10	11.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	86



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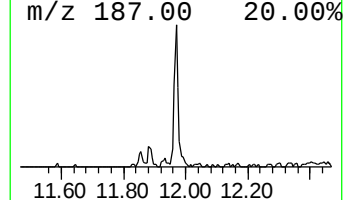
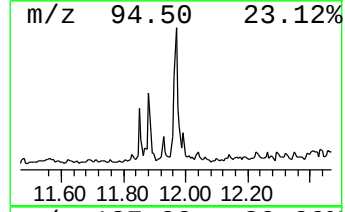
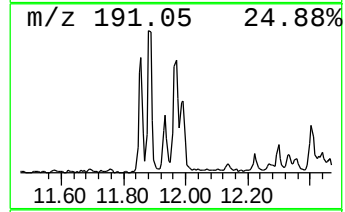
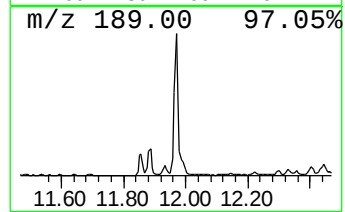
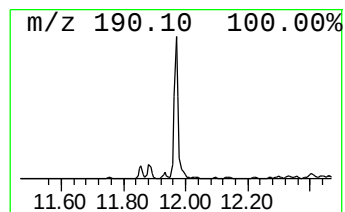
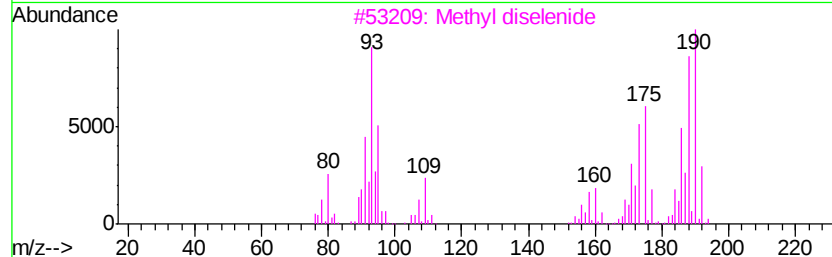
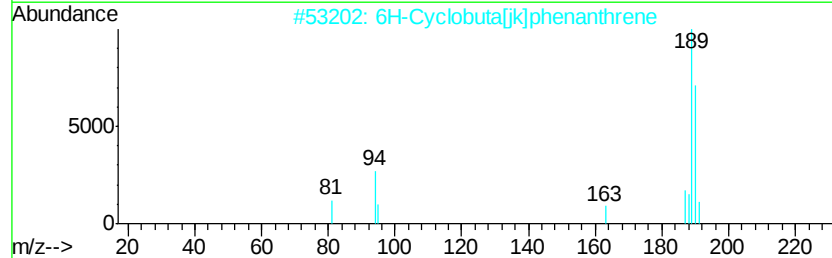
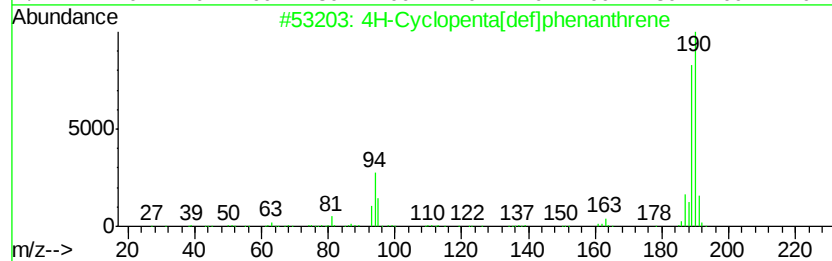
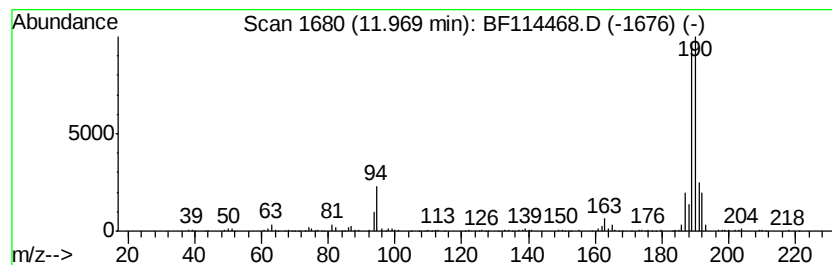
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Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.97	3.80 ng	349611	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114468.D
Acq On : 21 May 2019 20:42
Operator : JU/SJ
Sample : K2641-01 2X
Misc :
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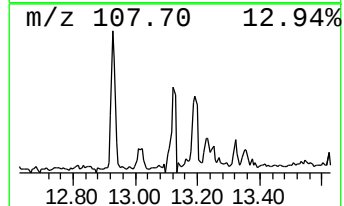
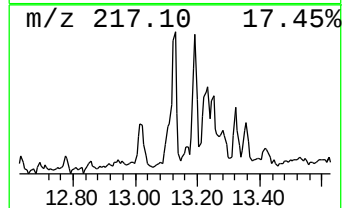
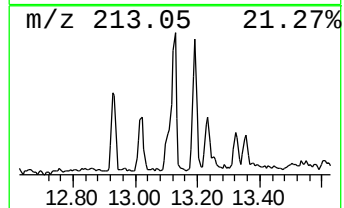
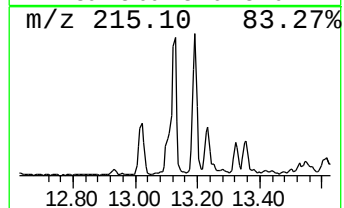
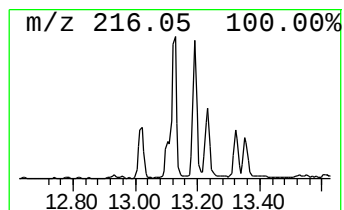
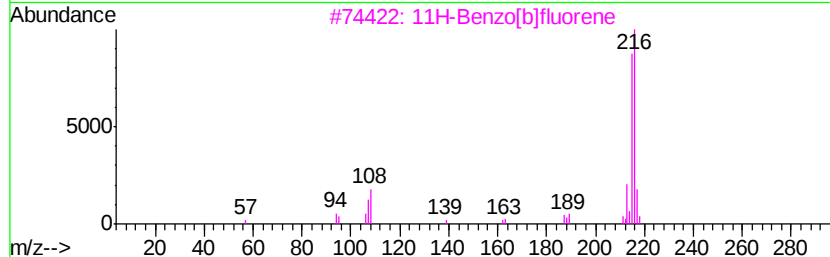
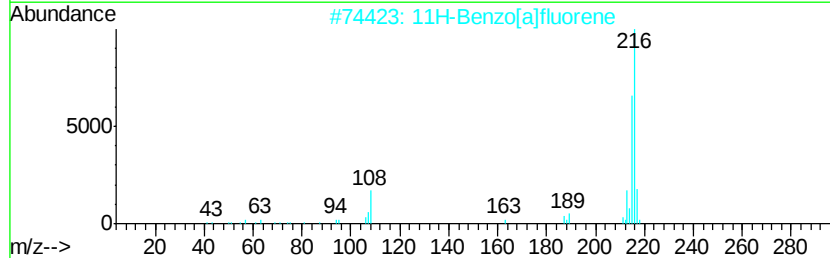
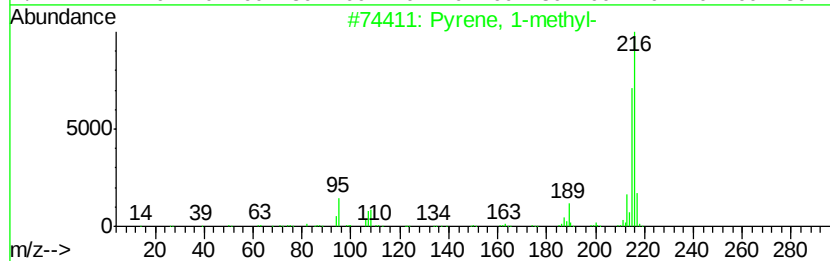
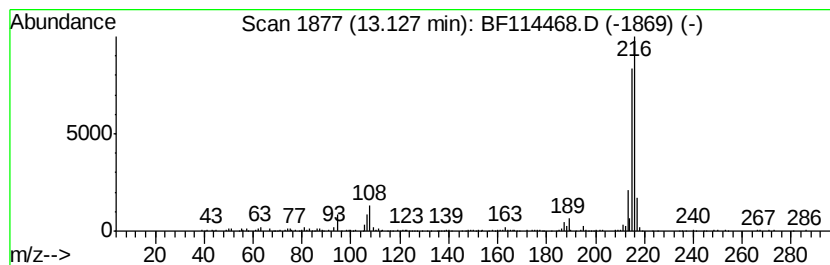
Instrument :
BNA_F
ClientSampleId :
CL-02-050719-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.13	3.30 ng	337249	Chrysene-d12	14.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114468.D
Acq On : 21 May 2019 20:42
Operator : JU/SJ
Sample : K2641-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-050719-A

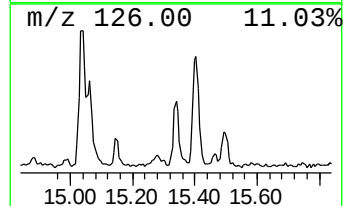
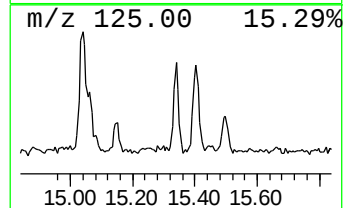
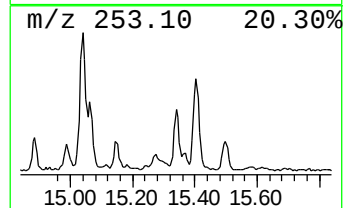
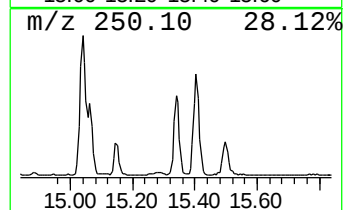
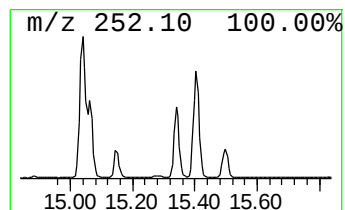
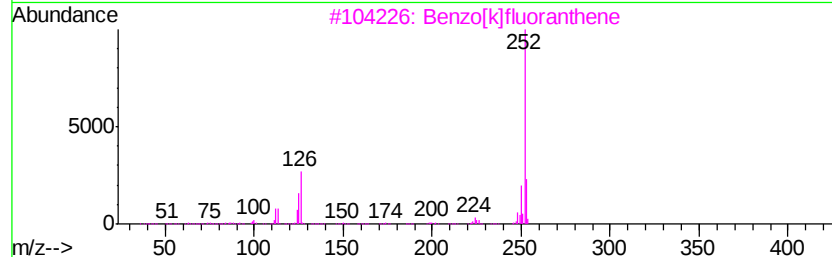
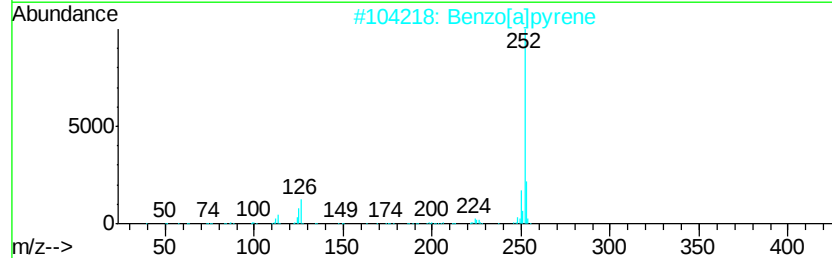
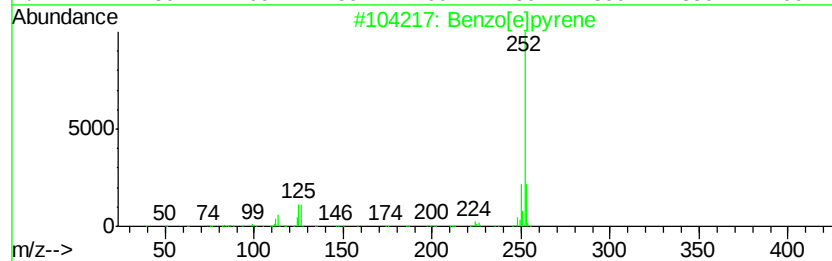
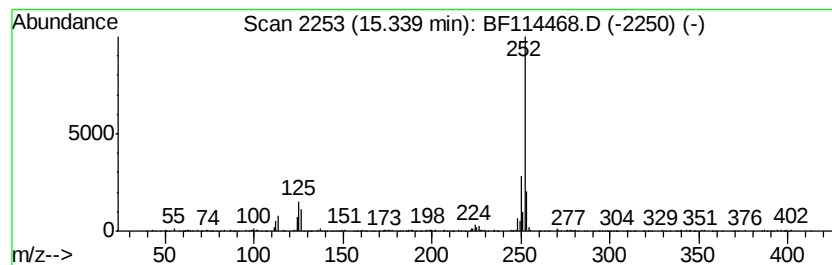
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	5.28 ng	322031	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[a]pyrene	252	C20H12	000050-32-8	95
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5		Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114468.D
Acq On : 21 May 2019 20:42
Operator : JU/SJ
Sample : K2641-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-050719-A

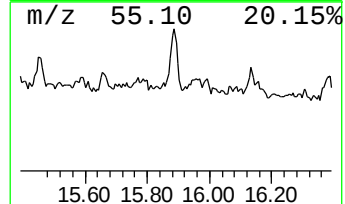
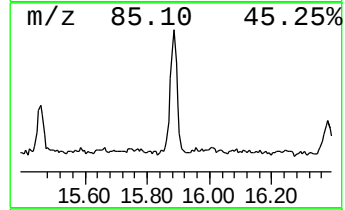
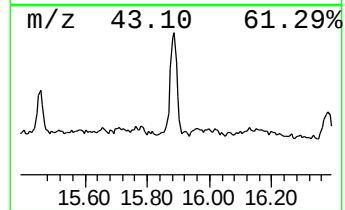
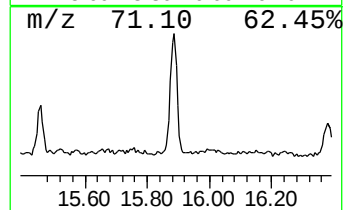
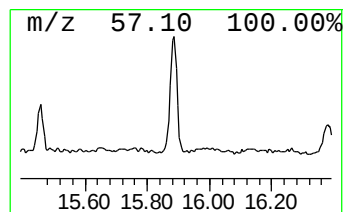
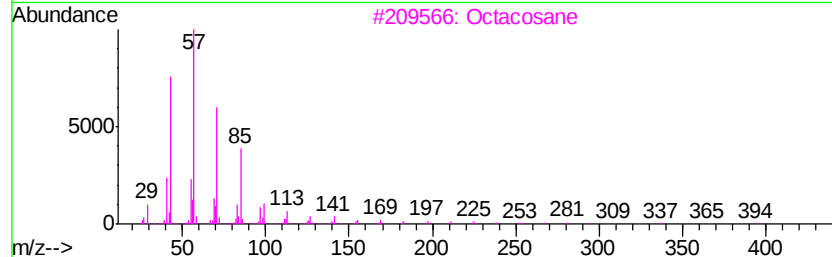
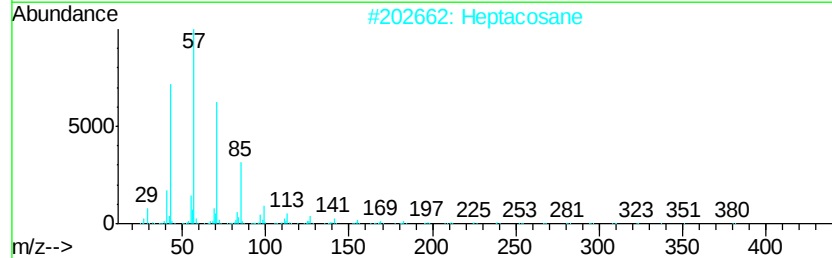
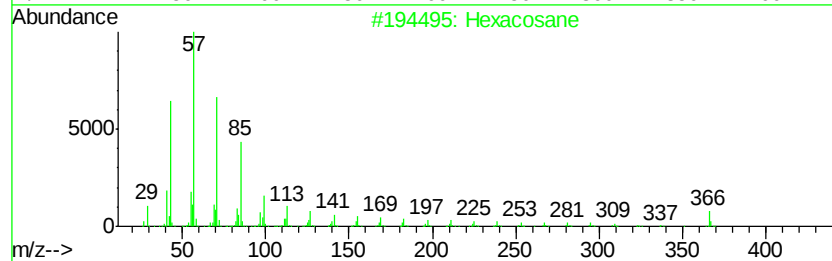
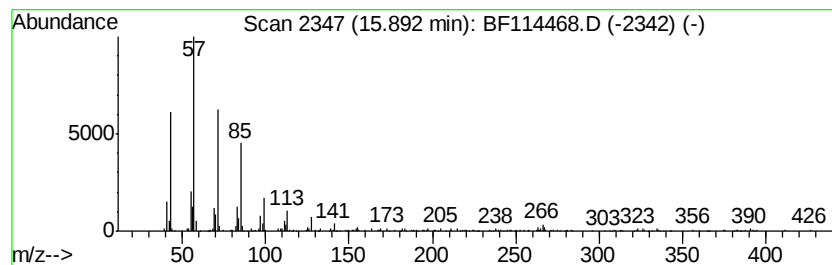
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	7.19 ng	438564	Perylene-d12	15.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	93
2	Heptacosane		380	C27H56	000593-49-7	90
3	Octacosane		394	C28H58	000630-02-4	90
4	Heneicosane		296	C21H44	000629-94-7	90
5	Nonacosane		408	C29H60	000630-03-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114468.D
Acq On : 21 May 2019 20:42
Operator : JU/SJ
Sample : K2641-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-050719-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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
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Phenanthrene, 1-m...	11.88	3.7	ng	342672	4	11.35	1839960	20.0
4H-Cyclopenta[def...	11.97	3.8	ng	349611	4	11.35	1839960	20.0
Pyrene, 1-methyl-	13.13	3.3	ng	337249	5	14.00	2042820	20.0
Benzo[e]pyrene	15.34	5.3	ng	322031	6	15.47	1220600	20.0
Hexacosane	15.89	7.2	ng	438564	6	15.47	1220600	20.0