LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125428.D
Acq On : 10 Sep 2021 17:26
Operator : JU/CG
Sample : M3693-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WFM-1

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125428.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.199	12	19	25	rVB	1028595	1326572	40.43%	3.622%
2	2.304	32	37	46	rVB	50541	68354	2.08%	0.187%
3	5.116	511	515	525	rVB	85107	100766	3.07%	0.275%
4	5.516	578	583	586	rBV	3512234	3218407	98.08%	8.787%
5	6.522	749	754	757	rBV	3058367	3154804	96.14%	8.614%
6	6.887	812	816	819	rBV	1185156	1025395	31.25%	2.800%
7	7.451	906	912	915	rBV	2066341	2106242	64.18%	5.751%
8	8.069	1013	1017	1030	rBV	664596	696553	21.23%	1.902%
9	8.169	1030	1034	1037	rBV	1515323	1349562	41.13%	3.685%
10	8.880	1151	1155	1159	rBV	44137	33717	1.03%	0.092%
11	8.980	1168	1172	1175	rVB	43675	38102	1.16%	0.104%
12	9.245	1211	1217	1220	rBV	3543541	3281562	100.00%	8.960%
13	9.580	1270	1274	1277	rBV	47011	47142	1.44%	0.129%
14	9.786	1306	1309	1312	rBV2	68056	58914	1.80%	0.161%
15	9.922	1324	1332	1336	rBV	1544041	1496931	45.62%	4.087%
16	9.957	1336	1338	1342	rVB	90251	70997	2.16%	0.194%
17	10.127	1361	1367	1371	rBV2	70288	76405	2.33%	0.209%
18	10.239	1381	1386	1389	rBV2	29988	38208	1.16%	0.104%
19	10.469	1422	1425	1431	rVB2	109282	110287	3.36%	0.301%
20	10.716	1463	1467	1470	rBV	2578323	2258070	68.81%	6.165%
21	10.833	1483	1487	1493	rVB7	30687	47213	1.44%	0.129%
22	11.022	1513	1519	1521	rBV4	37875	55477	1.69%	0.151%
23	11.216	1549	1552	1556	rVB	47726	40883	1.25%	0.112%
24	11.310	1563	1568	1572	rVB2	51526	58533	1.78%	0.160%
25	11.410	1581	1585	1588	rBV	1544415	1540505	46.94%	4.206%
26	11.433	1588	1589	1593	rVV	817040	634837	19.35%	1.733%
27	11.486	1593	1598	1601	rVV	185476	167462	5.10%	0.457%
28	11.522	1601	1604	1607	rVB2	30985	35490	1.08%	0.097%
29	11.645	1620	1625	1630	rBV	122673	131699	4.01%	0.360%
30	11.745	1639	1642	1646	rVB3	45019	47669	1.45%	0.130%
31	11.798	1647	1651	1653	rBV2	81833	71589	2.18%	0.195%
32	11.916	1667	1671	1672	rBV	161691	169041	5.15%	0.462%
33	11.933	1672	1674	1681	rVB2	316721	408748	12.46%	1.116%
34	12.021	1686	1689	1692	rVV2	228134	266227	8.11%	0.727%
35	12.051	1692	1694	1698	rVB	128349	108877	3.32%	0.297%
36	12.210	1718	1721	1723	rBV	85668	74245	2.26%	0.203%

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Instrument : BNA_F
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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.233	1723	1725	1732	rVB2	68583	78790	2.40%	0.215%
38	12.463	1761	1764	1767	rBV	146292	153817	4.69%	0.420%
39	12.504	1767	1771	1773	rVV2	99805	137551	4.19%	0.376%
40	12.551	1776	1779	1783	rBV2	80794	103128	3.14%	0.282%
41	12.627	1788	1792	1797	rBV	983428	851094	25.94%	2.324%
42	12.716	1805	1807	1811	rBV3	103397	94576	2.88%	0.258%
43	12.857	1825	1831	1837	rBV	864472	877653	26.74%	2.396%
44	12.910	1837	1840	1843	rVB2	63879	71745	2.19%	0.196%
45	12.998	1851	1855	1858	rBV	3084349	2752359	83.87%	7.515%
46	13.068	1864	1867	1872	rBV3	83473	131659	4.01%	0.359%
47	13.157	1879	1882	1884	rBV3	74739	91037	2.77%	0.249%
48	13.186	1884	1887	1889	rVB	144924	143065	4.36%	0.391%
49	13.216	1889	1892	1896	rBV5	28059	49087	1.50%	0.134%
50	13.251	1896	1898	1901	rVB	101763	76476	2.33%	0.209%
51	13.286	1901	1904	1907	rBV2	96645	99009	3.02%	0.270%
52	13.380	1917	1920	1923	rVB	82675	65564	2.00%	0.179%
53	13.410	1923	1925	1929	rBV	76774	76228	2.32%	0.208%
54	13.692	1970	1973	1978	rVB	77075	86320	2.63%	0.236%
55	13.804	1988	1992	1995	rBV3	78163	100918	3.08%	0.276%
56	13.833	1995	1997	1999	rVV	70763	60792	1.85%	0.166%
57	13.857	1999	2001	2004	rVV2	63860	80538	2.45%	0.220%
58	13.904	2004	2009	2017	rVB4	172553	349636	10.65%	0.955%
59	14.057	2027	2035	2037	rBV2	1270704	1491632	45.45%	4.073%
60	14.080	2037	2039	2046	rVB	388167	357060	10.88%	0.975%
61	14.163	2051	2053	2055	rVB	57178	40553	1.24%	0.111%
62	14.210	2058	2061	2063	rBV3	36605	43350	1.32%	0.118%
63	14.439	2096	2100	2104	rVB	85210	100522	3.06%	0.274%
64	14.474	2104	2106	2109	rBV	62754	49018	1.49%	0.134%
65	14.515	2110	2113	2115	rBV	44497	52358	1.60%	0.143%
66	14.568	2119	2122	2124	rBV	76397	60299	1.84%	0.165%
67	14.810	2160	2163	2170	rVB3	65876	97354	2.97%	0.266%
68	15.110	2209	2214	2217	rBV	376755	561999	17.13%	1.534%
69	15.168	2221	2224	2229	rVV4	64804	95329	2.90%	0.260%
70	15.221	2230	2233	2237	rVB	77703	84978	2.59%	0.232%
71	15.421	2263	2267	2271	rBV	215467	268988	8.20%	0.734%
72	15.480	2273	2277	2284	rVB	345173	434449	13.24%	1.186%
73	15.551	2284	2289	2292	rBV	813595	1044792	31.84%	2.853%
74	15.998	2362	2365	2370	rVB	73870	98924	3.01%	0.270%
75	17.045	2537	2543	2550	rBV2	191489	355666	10.84%	0.971%
76	17.286	2580	2584	2589	rBV2	37818	65560	2.00%	0.179%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : WFM-1

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
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	17.498	2614	2620	2629	rBV	139080	298065	9.08%	0.814%
78	17.745	2657	2662	2669	rBV	36176	78177	2.38%	0.213%

Sum of corrected areas: 36625600

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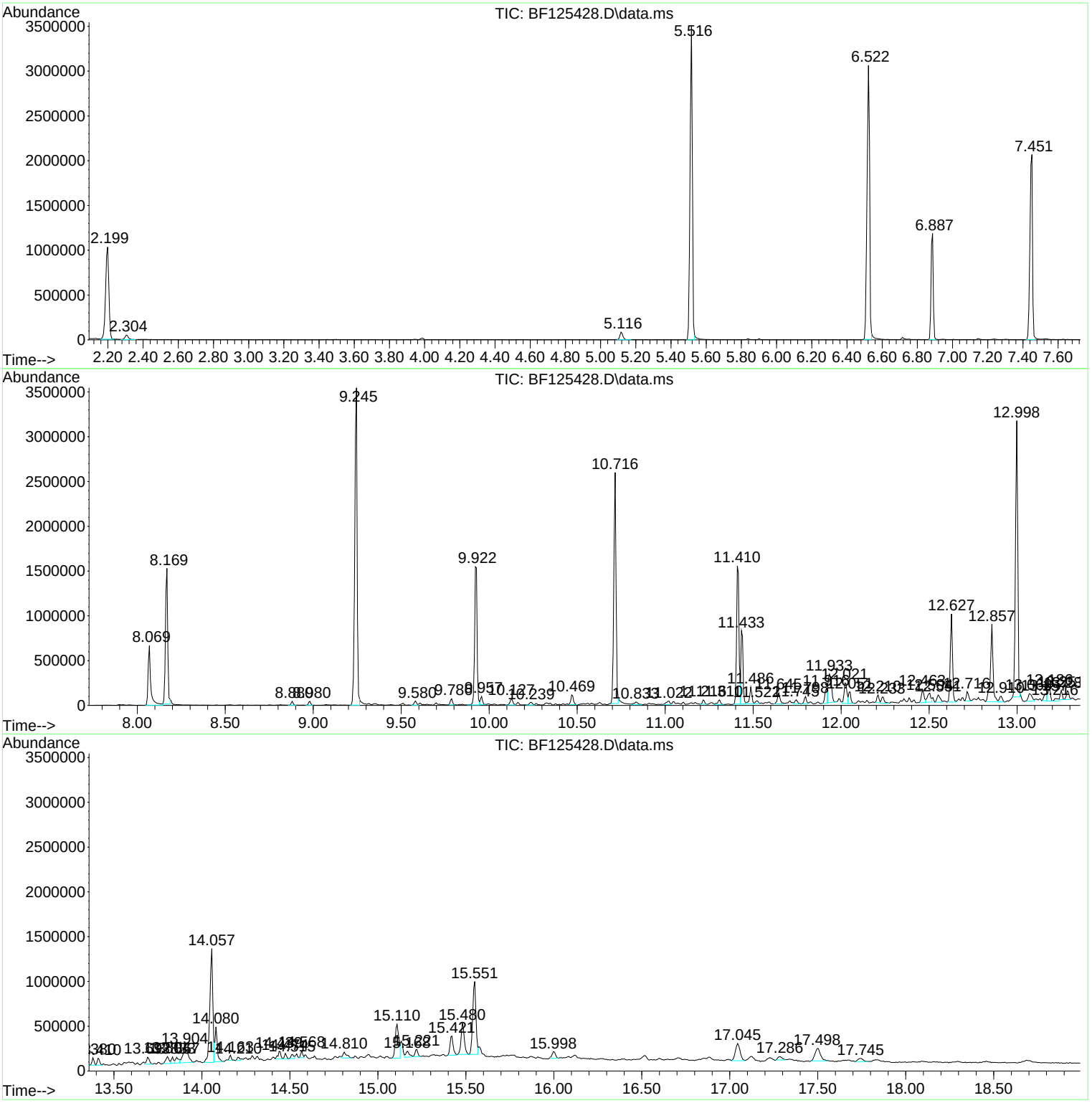
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WFM-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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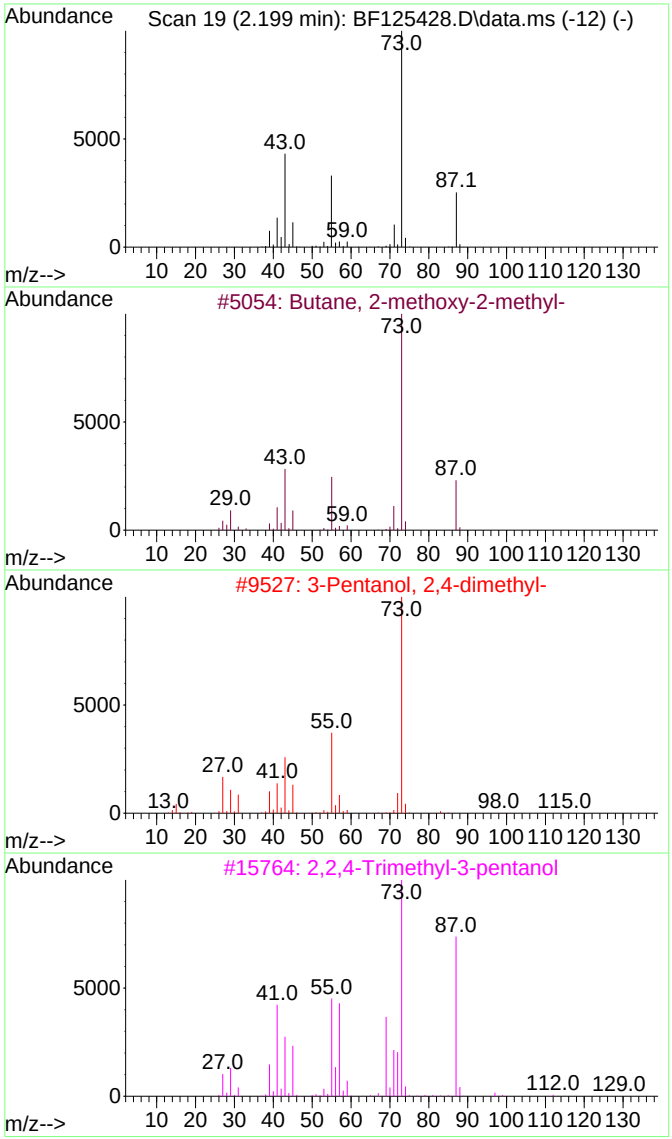
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

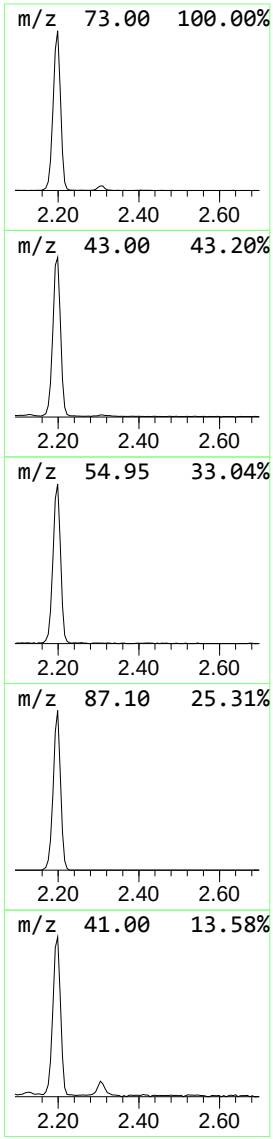
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.199	25.87 ng	1326570	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
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TIC Library : C:\Database\NIST20.L
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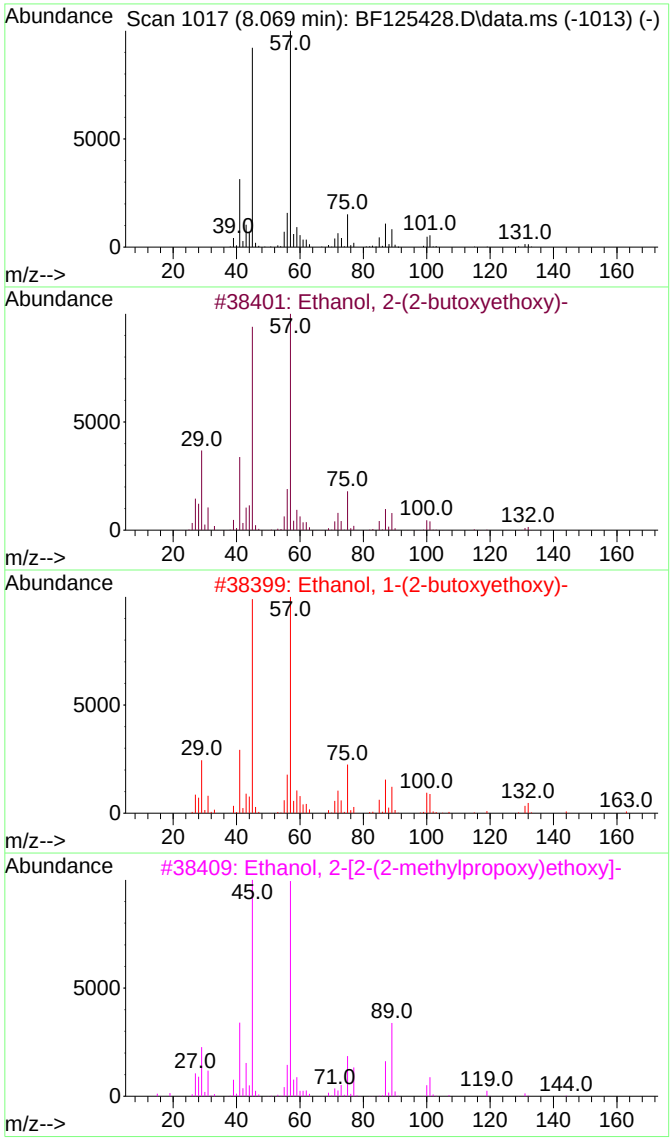
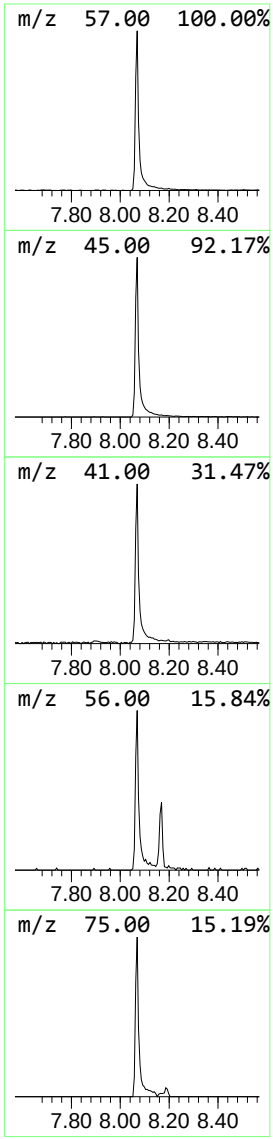
****

Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.069	10.32 ng	696553	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	53





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WFM-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
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TIC Library : C:\Database\NIST20.L
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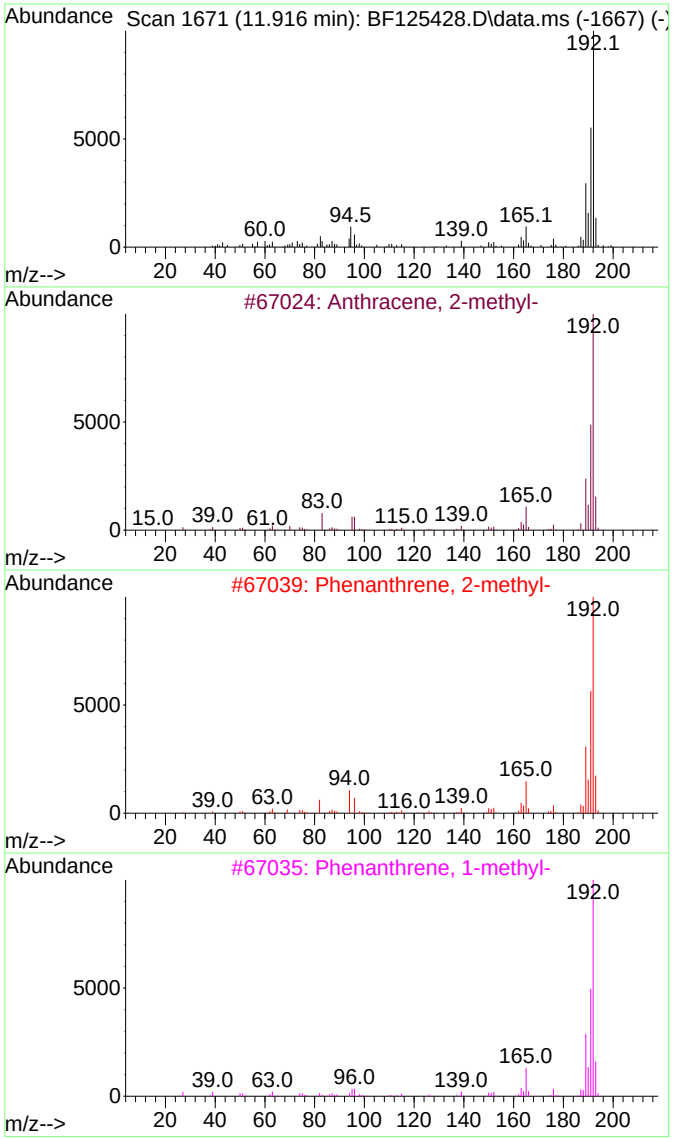
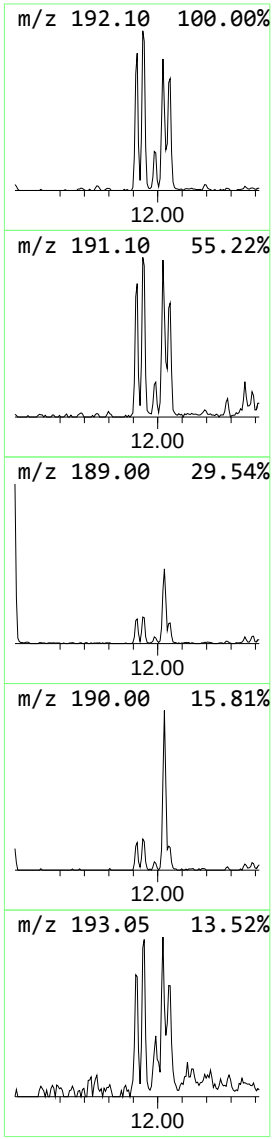
****

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	2.19 ng	169041	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

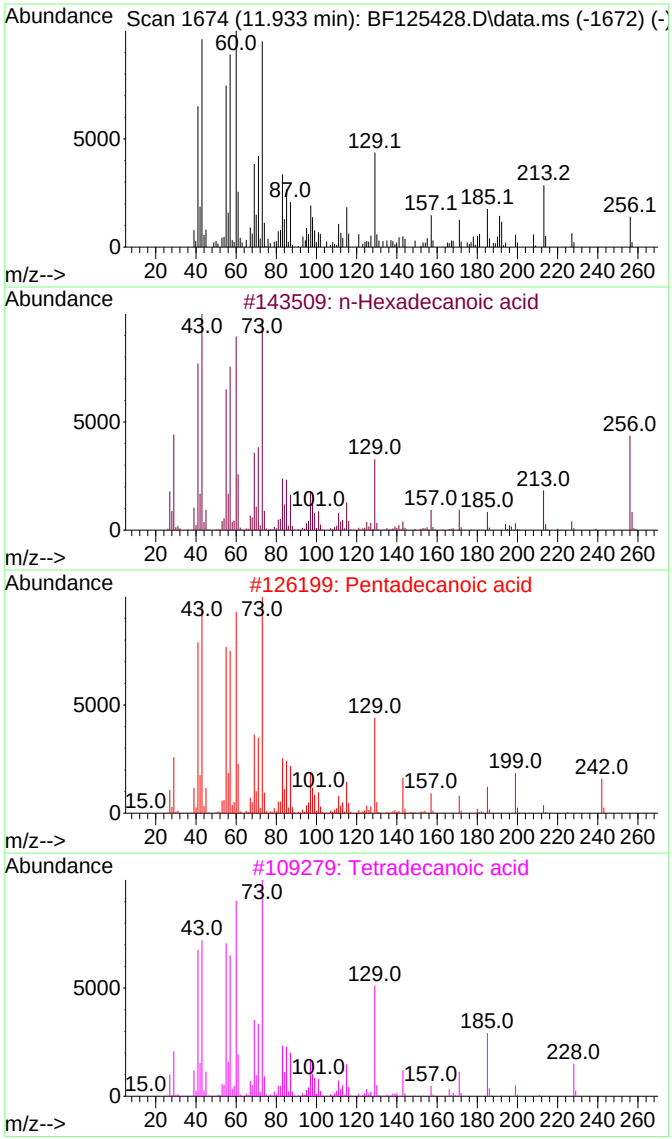
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

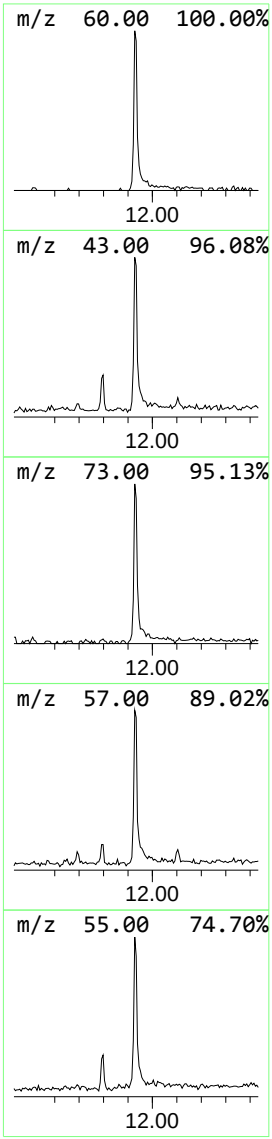
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	5.31 ng	408748	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Dodecanoic acid	200	C12H24O2	000143-07-7	68





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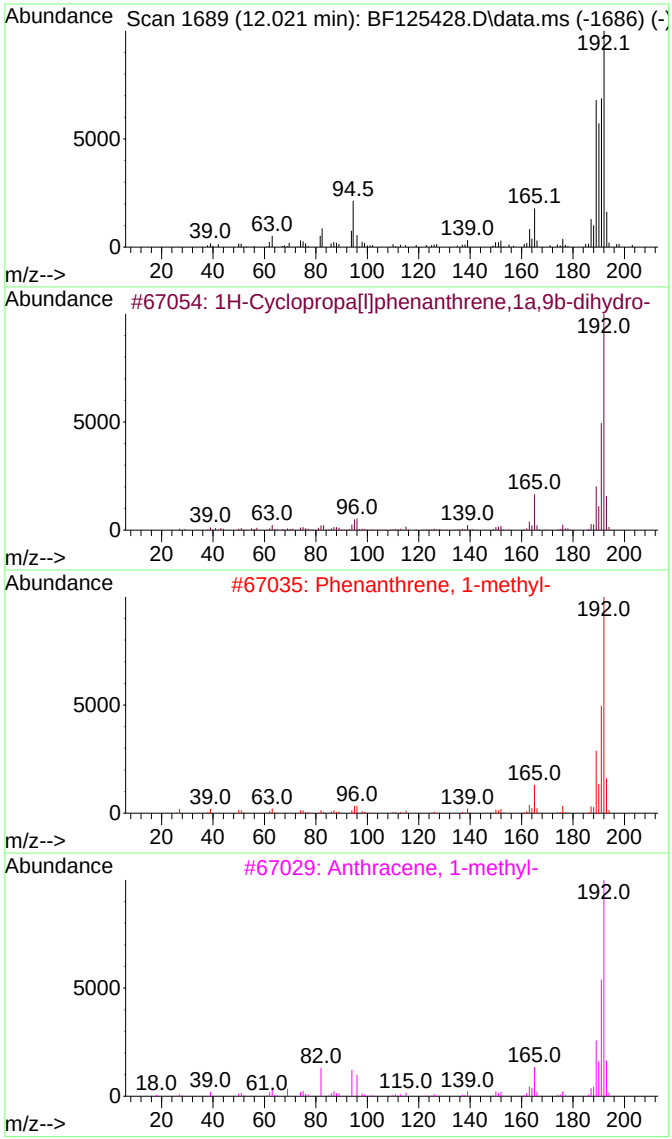
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

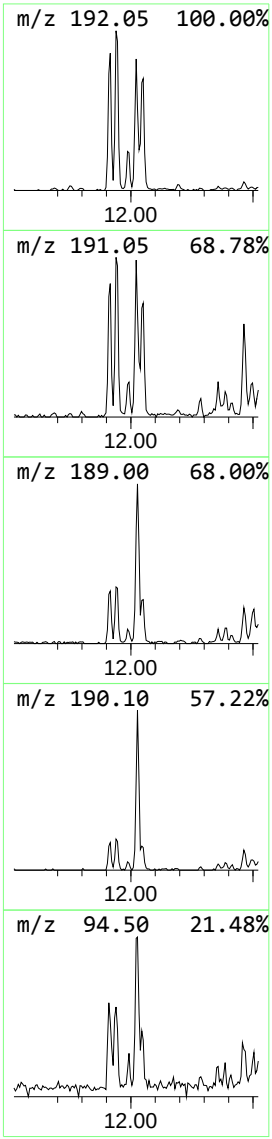
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	3.46 ng	266227	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	70
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	70





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Sample : M3693-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WFM-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

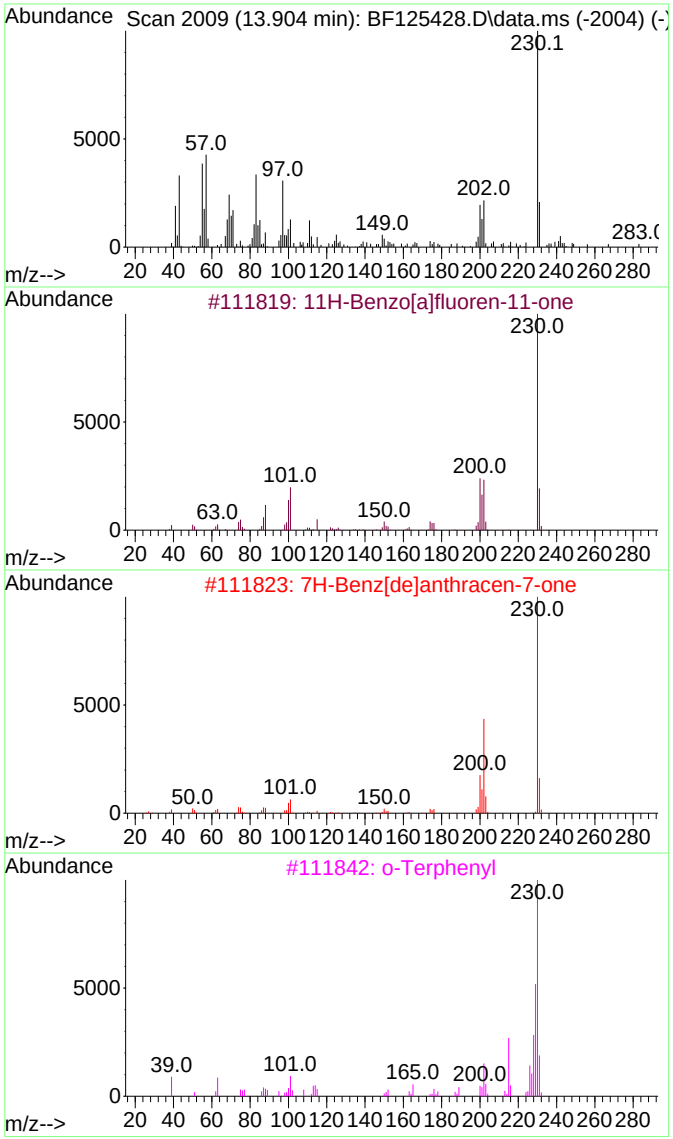
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

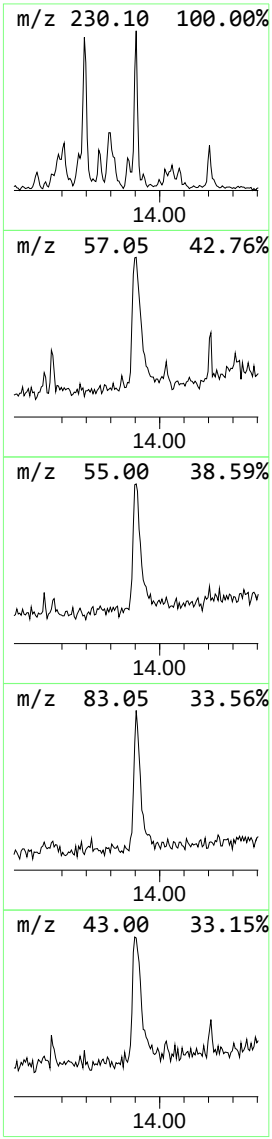
****

Peak Number 6 11H-Benzo[a]fluoren-11-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	4.69 ng	349636	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	76
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
3	o-Terphenyl	230	C18H14	000084-15-1	50
4	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	47
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	47





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Data File : BF125428.D
Acq On : 10 Sep 2021 17:26
Operator : JU/CG
Sample : M3693-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WFM-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

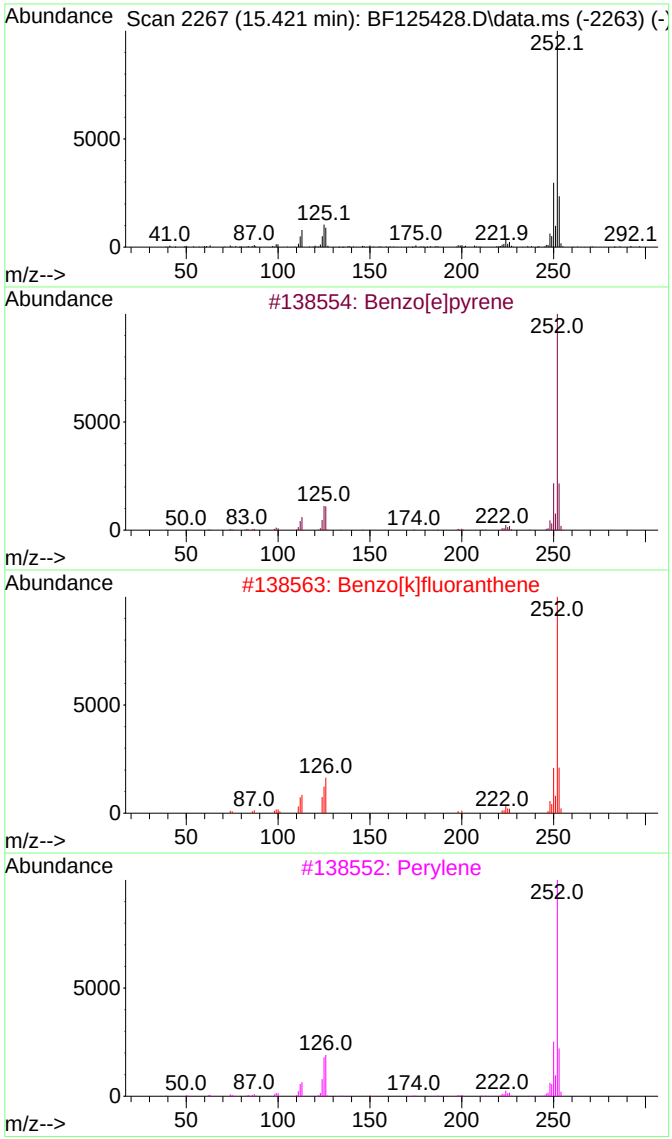
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

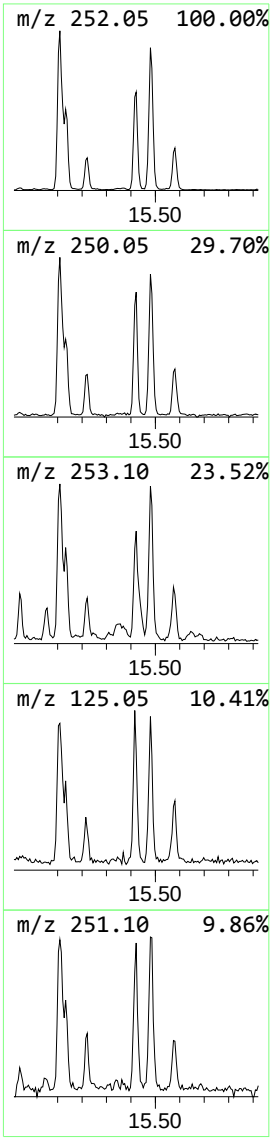
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.421	5.15 ng	268988	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125428.D
Acq On : 10 Sep 2021 17:26
Operator : JU/CG
Sample : M3693-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WFM-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.199	25.9	ng	1326570	1	6.886	1025400	20.0
Ethanol, 2-(2-b...	8.069	10.3	ng	696553	2	8.169	1349560	20.0
Anthracene, 2-m...	11.916	2.2	ng	169041	4	11.410	1540510	20.0
n-Hexadecanoic ...	11.933	5.3	ng	408748	4	11.410	1540510	20.0
1H-Cyclopropa[l...	12.022	3.5	ng	266227	4	11.410	1540510	20.0
11H-Benzo[a]flu...	13.904	4.7	ng	349636	5	14.057	1491630	20.0
Benzo[e]pyrene	15.421	5.2	ng	268988	6	15.551	1044790	20.0