LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090121\
Data File : BF125315.D
Acq On : 1 Sep 2021 19:46
Operator : JU/CG
Sample : M3577-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-0827-B1-DP

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: BF125315.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.169	7	14	20	rVB	1272322	1594940	36.72%	4.329%
2	4.504	407	411	416	rBV	78060	87512	2.01%	0.238%
3	4.640	429	434	438	rBV	514877	551968	12.71%	1.498%
4	5.122	512	516	524	rVB	203415	248887	5.73%	0.676%
5	5.528	580	585	588	rBV	3548835	3185689	73.35%	8.647%
6	6.539	752	757	760	rBV	3922675	3754781	86.45%	10.191%
7	6.910	816	820	823	rBV	1289112	1145072	26.37%	3.108%
8	7.475	911	916	919	rBV	2623373	2503962	57.65%	6.796%
9	8.092	1017	1021	1031	rBV	514195	755090	17.39%	2.049%
10	8.192	1035	1038	1041	rBV	1916096	1496852	34.46%	4.063%
11	9.269	1216	1221	1224	rBV	4957459	4343142	100.00%	11.788%
12	9.339	1230	1233	1236	rVB	64824	54875	1.26%	0.149%
13	9.657	1284	1287	1290	rBV2	44173	50964	1.17%	0.138%
14	9.869	1319	1323	1325	rBV	71022	62272	1.43%	0.169%
15	9.951	1333	1337	1340	rBV	1823888	1619321	37.28%	4.395%
16	9.980	1340	1342	1346	rVB	75572	63100	1.45%	0.171%
17	10.151	1365	1371	1375	rBV3	40381	50589	1.16%	0.137%
18	10.369	1402	1408	1411	rVB2	89310	89585	2.06%	0.243%
19	10.498	1426	1430	1433	rBV2	44600	47419	1.09%	0.129%
20	10.733	1467	1470	1475	rBV	1611284	1523172	35.07%	4.134%
21	10.845	1486	1489	1490	rBV	89190	88966	2.05%	0.241%
22	11.239	1553	1556	1559	rBV	53543	52069	1.20%	0.141%
23	11.292	1561	1565	1567	rVV2	106341	108081	2.49%	0.293%
24	11.327	1567	1571	1577	rVB3	74727	127199	2.93%	0.345%
25	11.439	1586	1590	1592	rBV	1539643	1434097	33.02%	3.892%
26	11.463	1592	1594	1597	rVV	642340	531113	12.23%	1.442%
27	11.510	1599	1602	1605	rVB	138707	118907	2.74%	0.323%
28	11.545	1605	1608	1613	rBV5	33058	51417	1.18%	0.140%
29	11.668	1626	1629	1635	rBV	77425	81848	1.88%	0.222%
30	11.716	1635	1637	1643	rBV2	61793	66721	1.54%	0.181%
31	11.821	1652	1655	1658	rVB	65943	50555	1.16%	0.137%
32	11.939	1672	1675	1676	rBV	82422	74016	1.70%	0.201%
33	11.963	1676	1679	1683	rVB2	128107	193480	4.45%	0.525%
34	12.051	1691	1694	1696	rBV2	125434	122611	2.82%	0.333%
35	12.127	1704	1707	1712	rBV2	60080	73932	1.70%	0.201%
36	12.233	1722	1725	1727	rBV	72794	61863	1.42%	0.168%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090121\
Data File : BF125315.D
Acq On : 1 Sep 2021 19:46
Operator : JU/CG
Sample : M3577-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-0827-B1-DP

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

37	12.486	1766	1768	1771	rVB	69656	59509	1.37%	0.162%
38	12.515	1771	1773	1777	rVV3	68774	83590	1.92%	0.227%
39	12.574	1781	1783	1788	rVB2	58281	61790	1.42%	0.168%
40	12.651	1793	1796	1800	rVV	1108007	947754	21.82%	2.572%
41	12.880	1829	1835	1839	rBV	937949	1005307	23.15%	2.729%
42	13.021	1853	1859	1866	rVB	3609887	3557087	81.90%	9.655%
43	13.210	1888	1891	1895	rVB	120776	111948	2.58%	0.304%
44	13.245	1895	1897	1899	rBV	54282	51873	1.19%	0.141%
45	13.315	1906	1909	1911	rVB2	76959	79996	1.84%	0.217%
46	13.586	1953	1955	1958	rBV3	53780	60206	1.39%	0.163%
47	13.715	1975	1977	1981	rVB	84421	76392	1.76%	0.207%
48	14.051	2031	2034	2035	rBV	247967	207406	4.78%	0.563%
49	14.080	2035	2039	2042	rVV2	1399501	1695495	39.04%	4.602%
50	14.110	2042	2044	2049	rVB	427942	378414	8.71%	1.027%
51	14.186	2055	2057	2060	rBV	75248	63221	1.46%	0.172%
52	15.139	2215	2219	2222	rBV	334141	488630	11.25%	1.326%
53	15.456	2270	2273	2279	rVB	176305	242785	5.59%	0.659%
54	15.515	2280	2283	2289	rVV	226888	282319	6.50%	0.766%
55	15.586	2291	2295	2306	rVB2	615386	923844	21.27%	2.507%

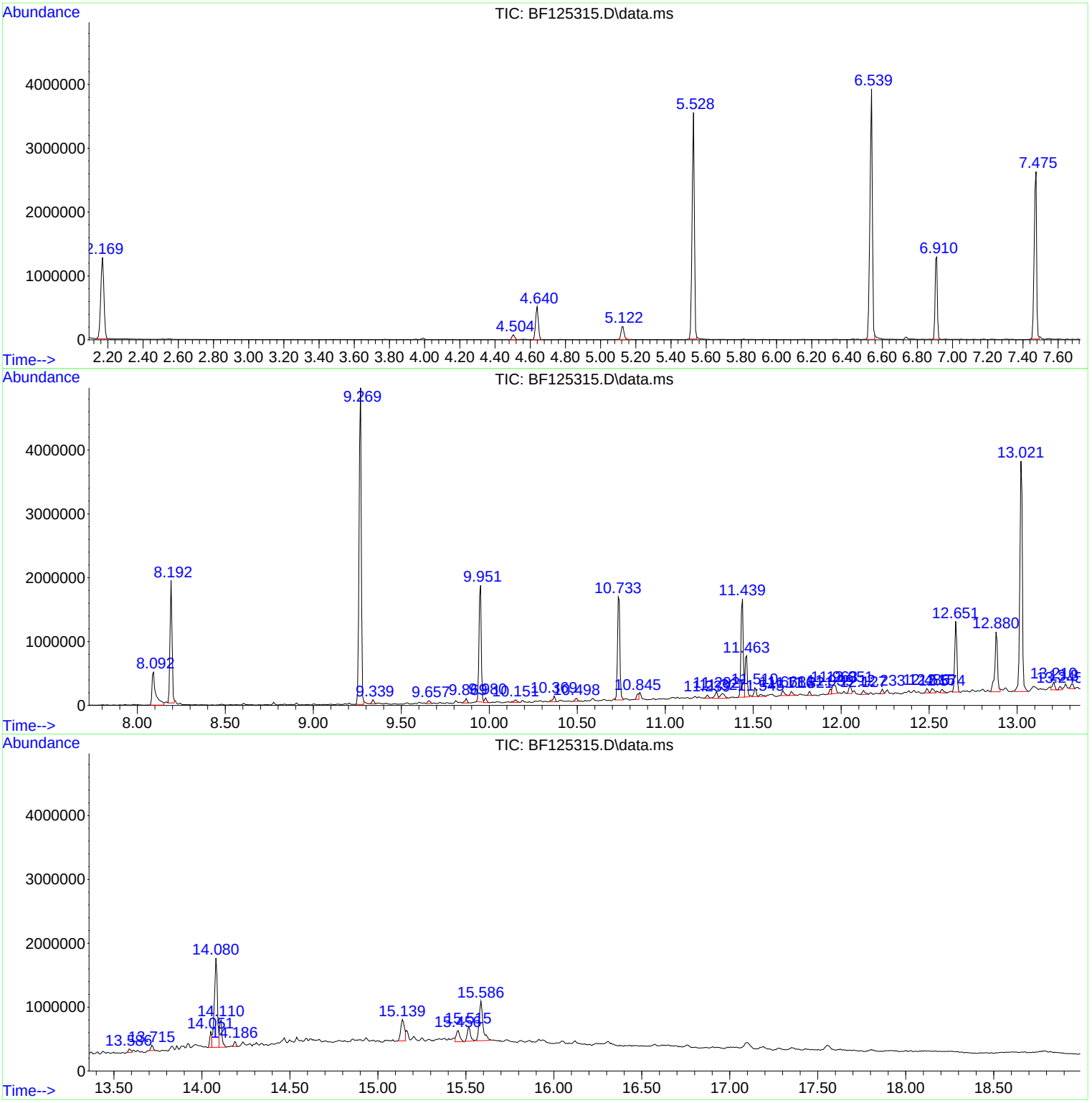
Sum of corrected areas: 36843633

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090121\
Data File : BF125315.D
Acq On : 1 Sep 2021 19:46
Operator : JU/CG
Sample : M3577-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
191-0827-B1-DP

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090121\
Data File : BF125315.D
Acq On : 1 Sep 2021 19:46
Operator : JU/CG
Sample : M3577-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-0827-B1-DP

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

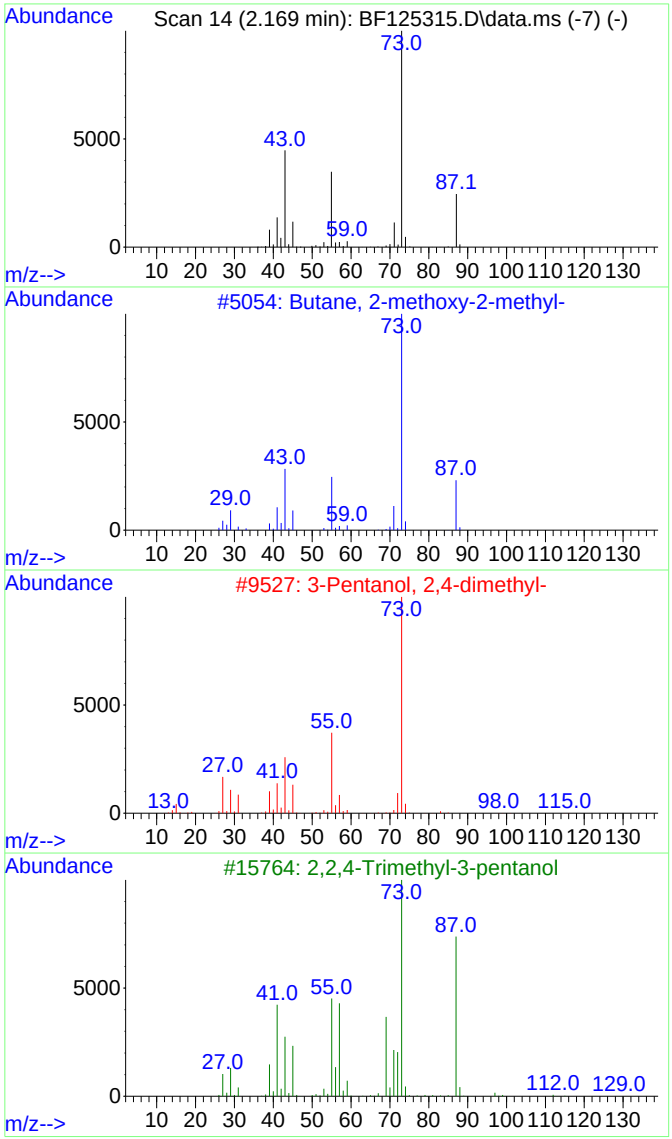
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

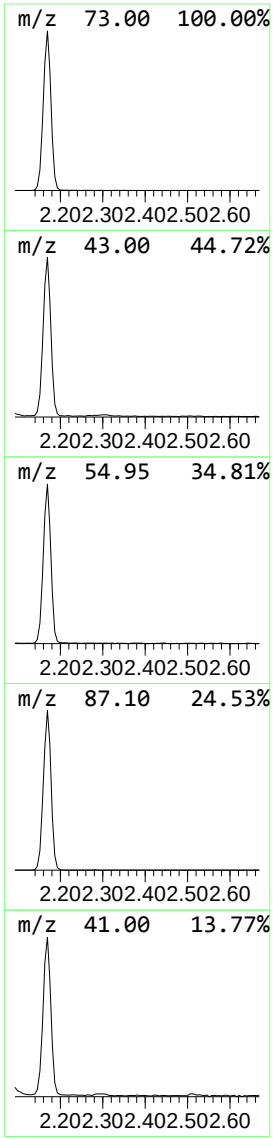
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.169	27.86 ng	1594940	1,4-Dichlorobenzene-d4	6.910

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	39
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090121\
Data File : BF125315.D
Acq On : 1 Sep 2021 19:46
Operator : JU/CG
Sample : M3577-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
191-0827-B1-DP

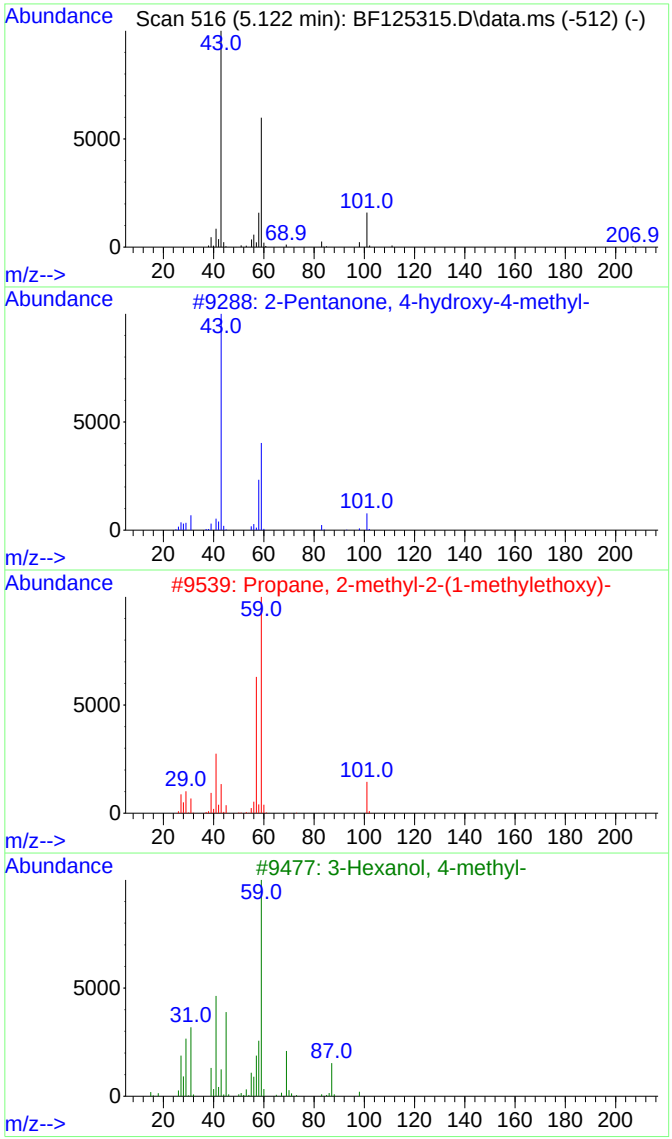
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

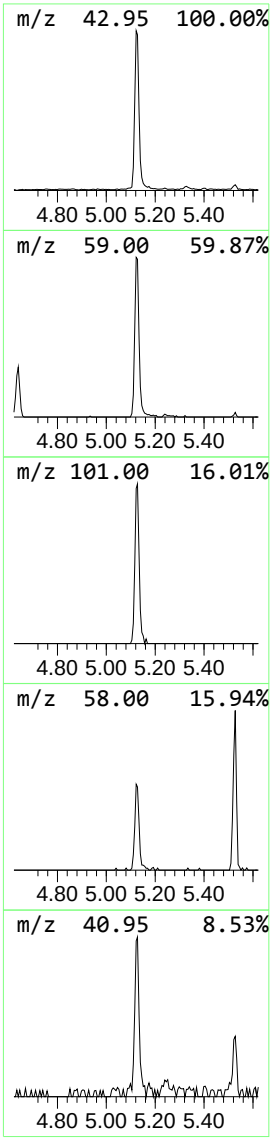
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.122	4.35 ng	248887	1,4-Dichlorobenzene-d4	6.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	28
5	3-Octanol	130	C8H18O	000589-98-0	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090121\
Data File : BF125315.D
Acq On : 1 Sep 2021 19:46
Operator : JU/CG
Sample : M3577-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-0827-B1-DP

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

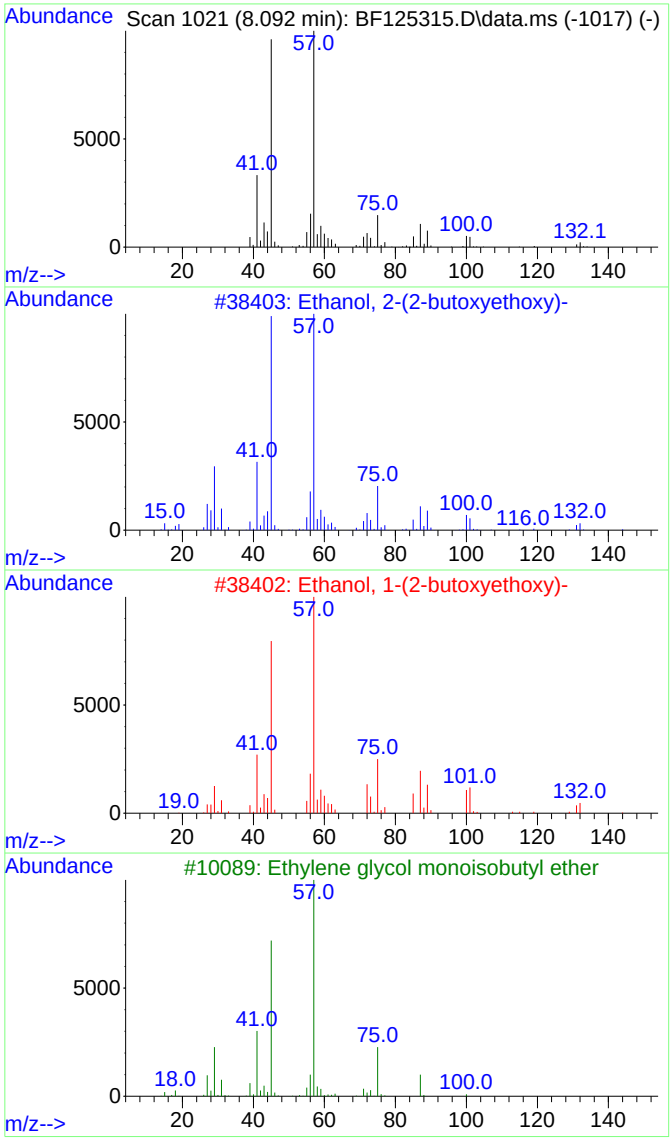
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

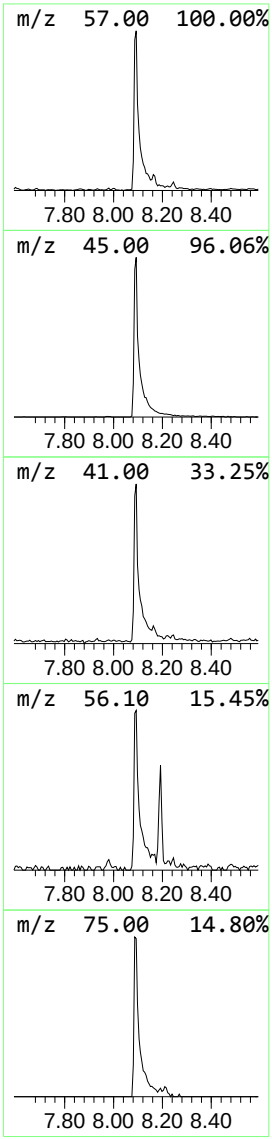
****

Peak Number 4 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.092	10.09 ng	755090	Naphthalene-d8	8.192

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	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
4	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	59
5	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090121\
Data File : BF125315.D
Acq On : 1 Sep 2021 19:46
Operator : JU/CG
Sample : M3577-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-0827-B1-DP

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

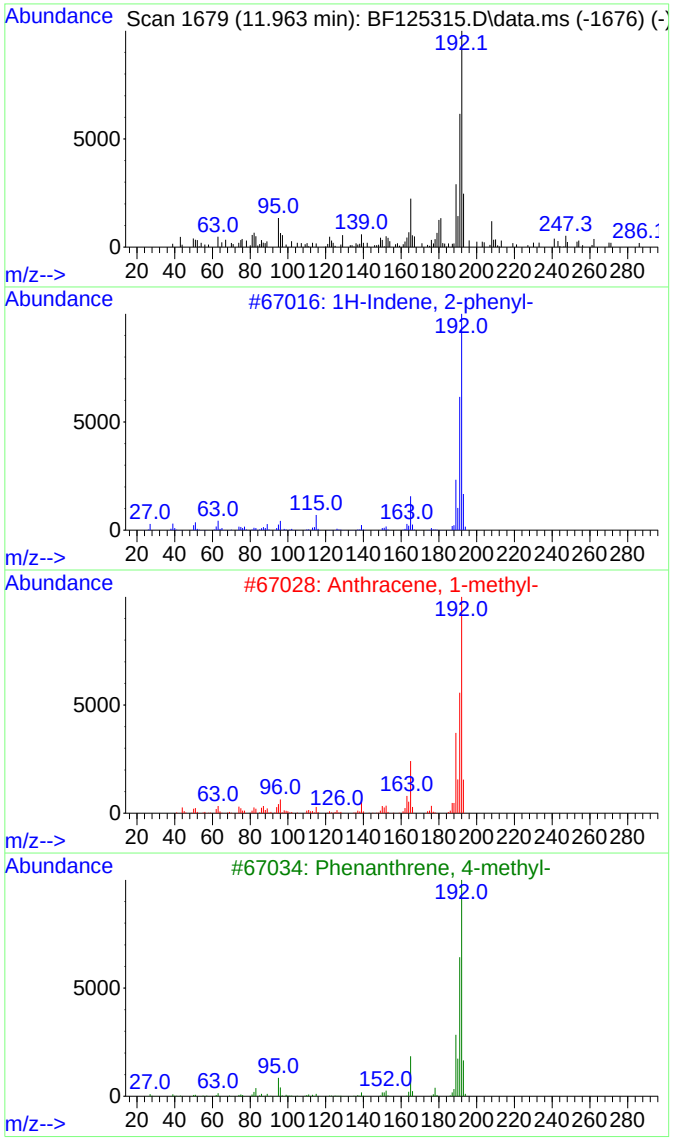
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

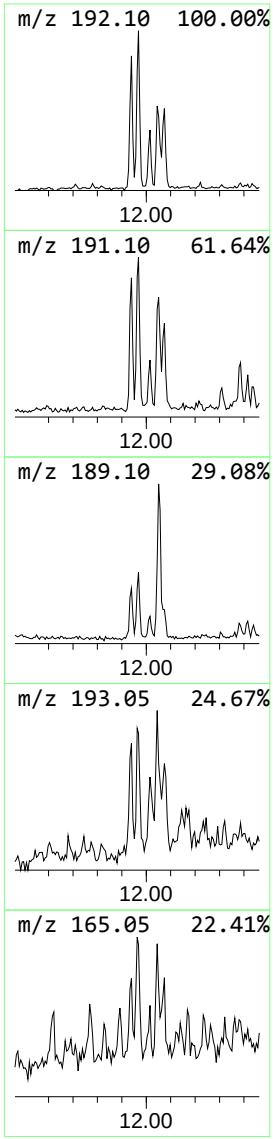
****

Peak Number 5 1H-Indene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	2.70 ng	193480	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	74
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	70
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	68
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090121\
Data File : BF125315.D
Acq On : 1 Sep 2021 19:46
Operator : JU/CG
Sample : M3577-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-0827-B1-DP

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

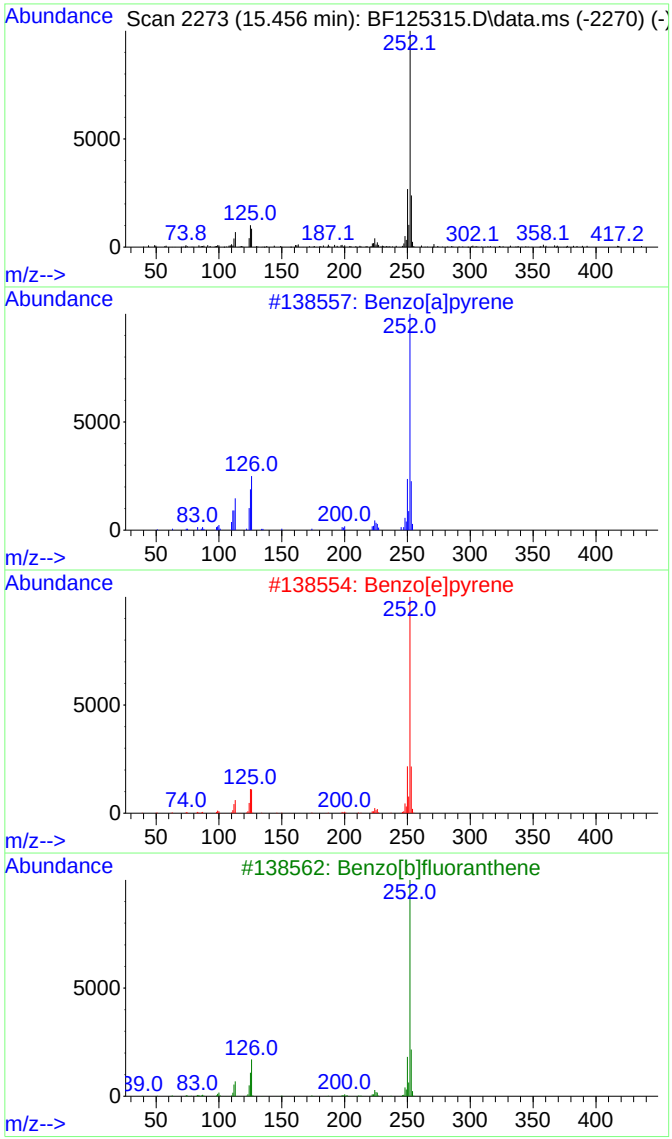
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

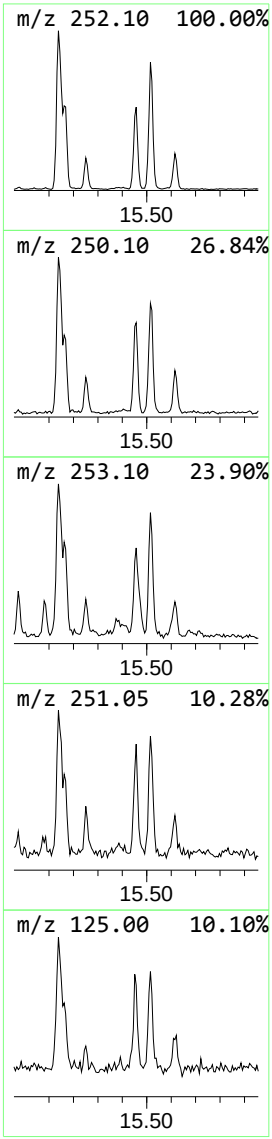
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.457	5.26 ng	242785	Perylene-d12	15.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Perylene	252	C20H12	000198-55-0	81
5	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090121\
Data File : BF125315.D
Acq On : 1 Sep 2021 19:46
Operator : JU/CG
Sample : M3577-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-0827-B1-DP

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...	2.169	27.9	ng	1594940	1	6.910	1145070	20.0
2-Pentanone, 4-...	5.122	4.3	ng	248887	1	6.910	1145070	20.0
Ethanol, 2-(2-b...	8.092	10.1	ng	755090	2	8.192	1496850	20.0
1H-Indene, 2-ph...	11.963	2.7	ng	193480	4	11.439	1434100	20.0
Benzo[e]pyrene	15.457	5.3	ng	242785	6	15.586	923844	20.0