LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123512.D
Acq On : 30 Mar 2021 00:03
Operator : JU/CG
Sample : M1809-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1-3-DRUM

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-BF032321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123512.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.246	16	27	33	rBV	1510007	1968447	28.97%	3.620%
2	2.351	37	45	56	rBV	298198	367663	5.41%	0.676%
3	5.134	510	518	528	rVB	327440	455175	6.70%	0.837%
4	5.528	579	585	588	rBV	6152069	6382972	93.95%	11.739%
5	6.528	749	755	758	rBV	5727112	6677396	98.29%	12.280%
6	6.898	814	818	821	rBV	1986382	1535417	22.60%	2.824%
7	7.463	908	914	917	rBV	4356144	4313959	63.50%	7.934%
8	8.180	1031	1036	1039	rBV	2212264	1981284	29.16%	3.644%
9	9.263	1214	1220	1223	rBV	7577137	6793751	100.00%	12.494%
10	9.651	1283	1286	1290	rBV	155164	143579	2.11%	0.264%
11	9.939	1329	1335	1339	rBV	2440171	2207240	32.49%	4.059%
12	9.974	1339	1341	1344	rVB	111656	90736	1.34%	0.167%
13	10.145	1366	1370	1372	rBV2	78222	79089	1.16%	0.145%
14	10.239	1383	1386	1388	rBV	126709	107690	1.59%	0.198%
15	10.486	1424	1428	1434	rBV	136326	128179	1.89%	0.236%
16	10.733	1464	1470	1473	rBV	4853851	4527004	66.63%	8.325%
17	11.298	1559	1566	1568	rBV5	44965	87547	1.29%	0.161%
18	11.327	1568	1571	1576	rVB	96530	101062	1.49%	0.186%
19	11.427	1584	1588	1591	rBV	2136521	2147150	31.60%	3.949%
20	11.451	1591	1592	1595	rVV	919139	646007	9.51%	1.188%
21	11.504	1595	1601	1604	rVB	236840	263151	3.87%	0.484%
22	11.657	1622	1627	1629	rBV2	82161	82965	1.22%	0.153%
23	11.933	1671	1674	1675	rBV	92112	78182	1.15%	0.144%
24	11.957	1675	1678	1684	rVB	403257	340530	5.01%	0.626%
25	12.045	1689	1693	1695	rVV	163574	194364	2.86%	0.357%
26	12.068	1695	1697	1701	rVB	74199	79978	1.18%	0.147%
27	12.292	1732	1735	1741	rVB5	84006	101553	1.49%	0.187%
28	12.415	1752	1756	1761	rVB	158329	146816	2.16%	0.270%
29	12.480	1761	1767	1770	rBV4	56407	91607	1.35%	0.168%
30	12.521	1770	1774	1779	rBV4	55531	77622	1.14%	0.143%
31	12.645	1791	1795	1798	rBV	856974	694910	10.23%	1.278%
32	12.692	1800	1803	1808	rVB2	150479	158470	2.33%	0.291%
33	12.874	1828	1834	1837	rBV	693950	645963	9.51%	1.188%
34	13.021	1855	1859	1862	rBV	5704528	5412942	79.68%	9.955%
35	13.204	1887	1890	1893	rVB	107373	107824	1.59%	0.198%
36	13.992	2018	2024	2034	rBV4	208268	730414	10.75%	1.343%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123512.D
Acq On : 30 Mar 2021 00:03
Operator : JU/CG
Sample : M1809-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1-3-DRUM

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-BF032321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.074	2034	2038	2041	rVV2	1612181	1761191	25.92%	3.239%
38	14.098	2041	2042	2050	rVB	247572	243758	3.59%	0.448%
39	14.715	2144	2147	2151	rVB2	84682	87687	1.29%	0.161%
40	15.133	2214	2218	2221	rBV	162867	258692	3.81%	0.476%
41	15.445	2267	2271	2277	rVB	123864	161996	2.38%	0.298%
42	15.503	2277	2281	2285	rBV	156885	197845	2.91%	0.364%
43	15.574	2288	2293	2297	rBV	1102069	1375029	20.24%	2.529%
44	16.074	2374	2378	2381	rBV2	55937	73362	1.08%	0.135%
45	17.074	2543	2548	2559	rVB2	74738	164121	2.42%	0.302%
46	17.527	2621	2625	2633	rVB	55094	103437	1.52%	0.190%

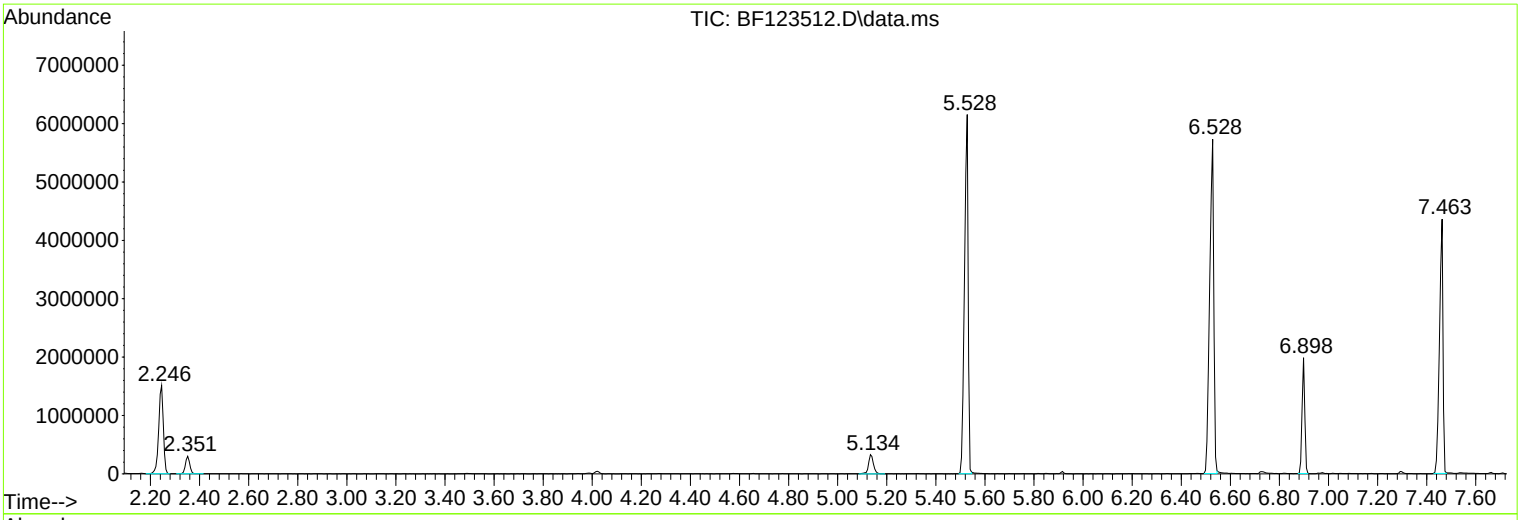
Sum of corrected areas: 54375756

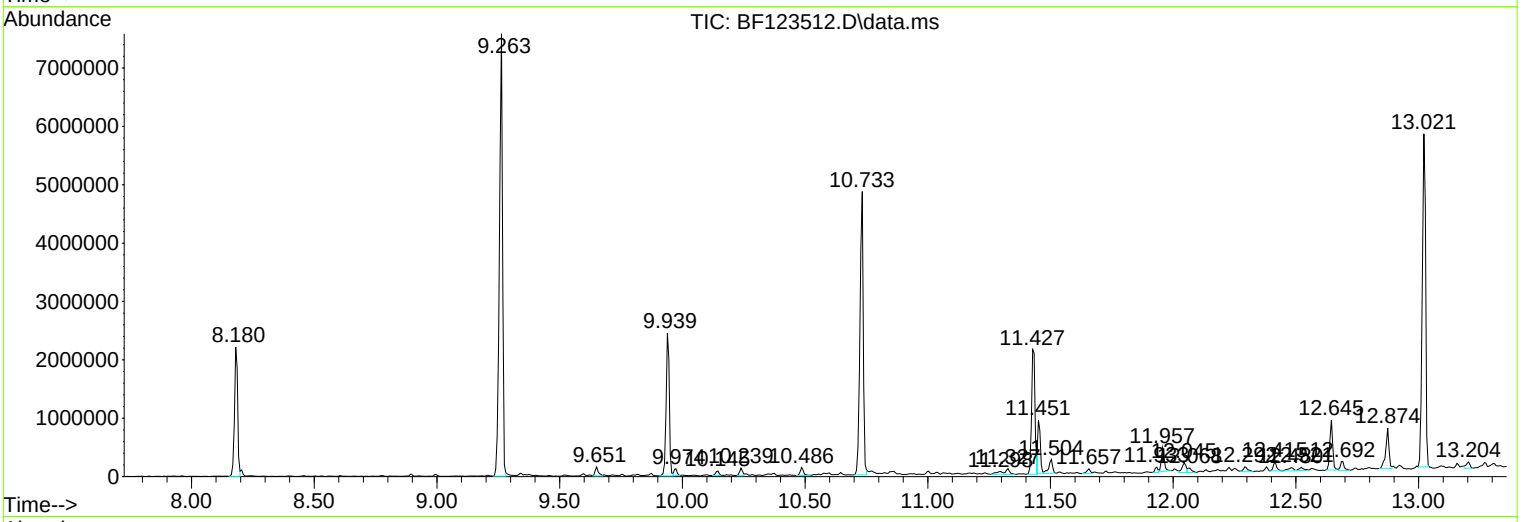
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123512.D
Acq On : 30 Mar 2021 00:03
Operator : JU/CG
Sample : M1809-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

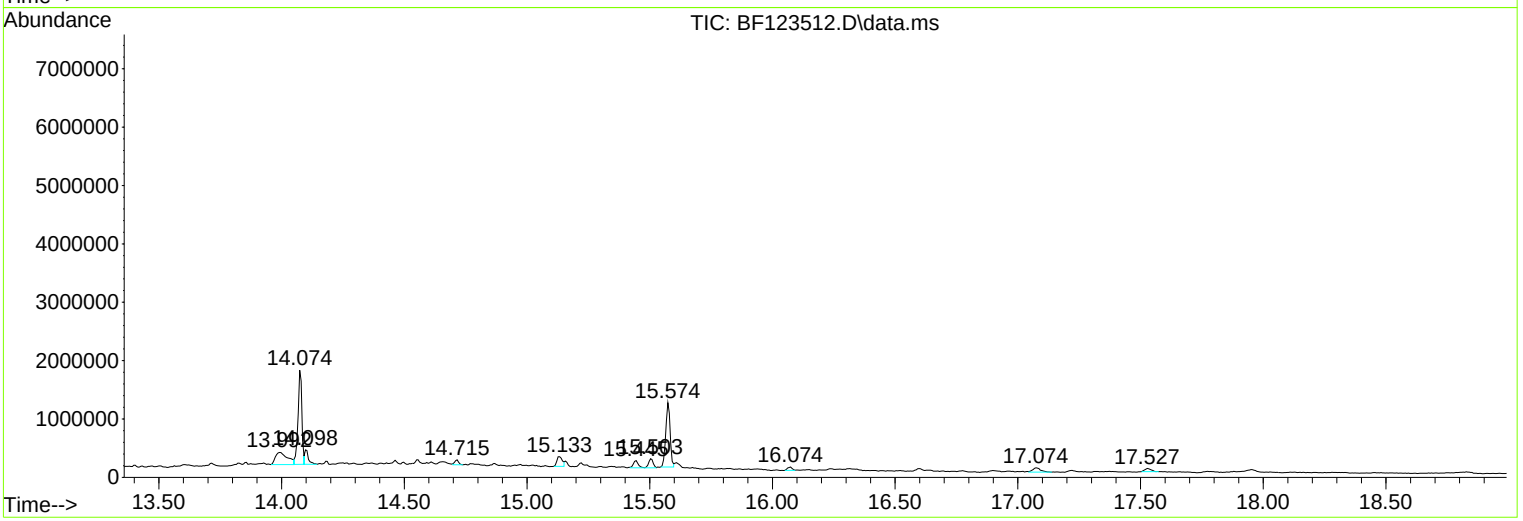
Instrument :
BNA_F
ClientSampleId :
1-3-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123512.D
Acq On : 30 Mar 2021 00:03
Operator : JU/CG
Sample : M1809-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1-3-DRUM

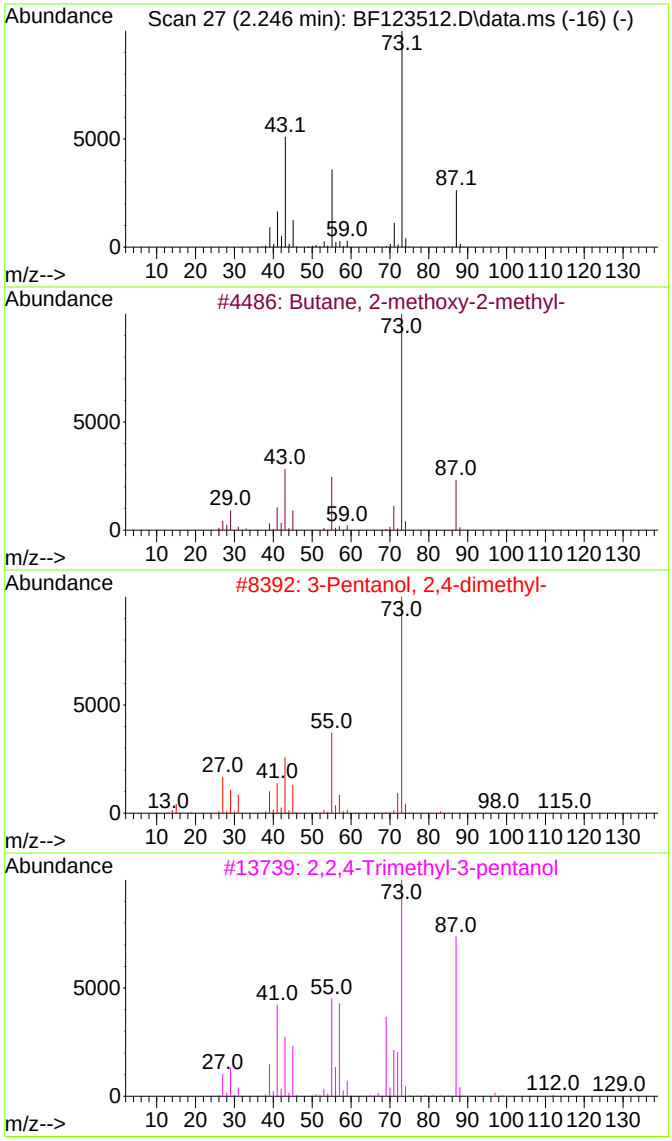
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

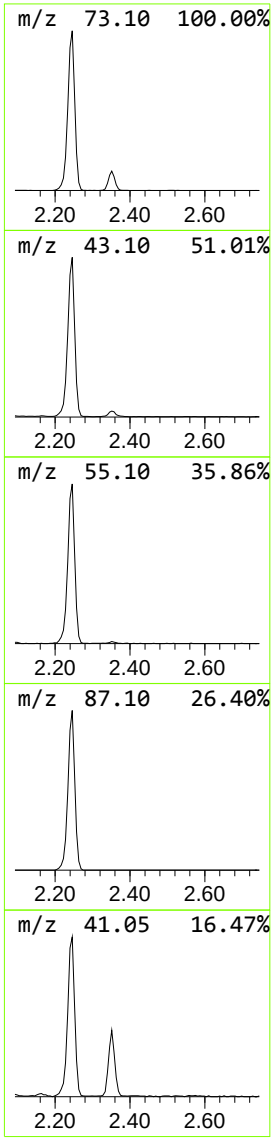
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.246	25.64 ng	1968450	1,4-Dichlorobenzene-d4	6.898

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	32
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123512.D
Acq On : 30 Mar 2021 00:03
Operator : JU/CG
Sample : M1809-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1-3-DRUM

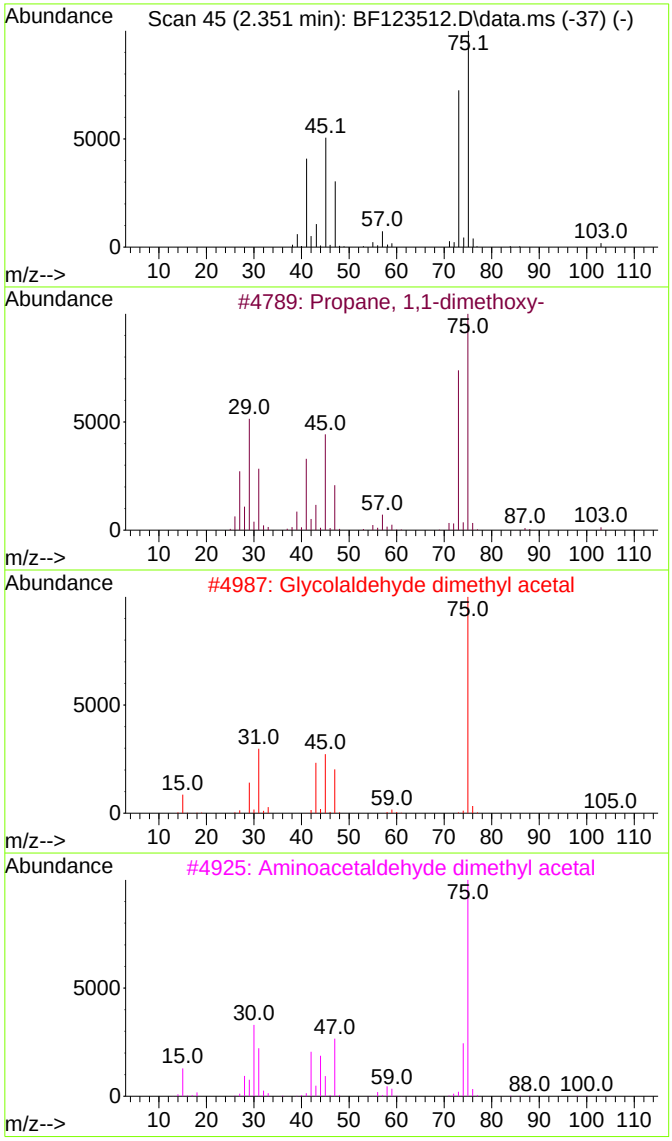
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

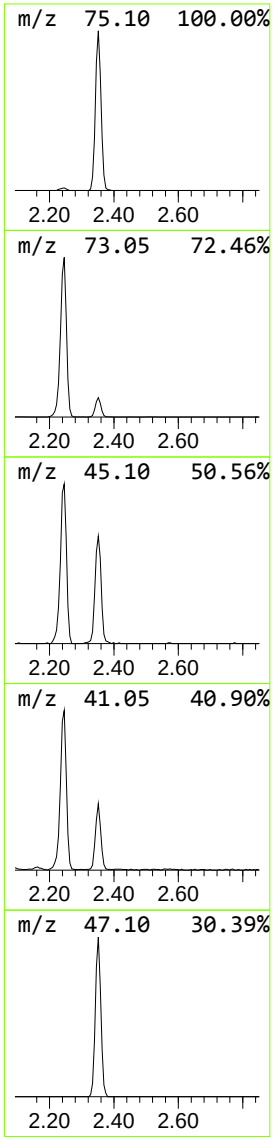
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Propane, 1,1-dimethoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.351	4.79 ng	367663	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2	Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	45
3	Aminoacetaldehyde dimethyl acetal	105	C4H11NO2	022483-09-6	36
4	Methane, trimethoxy-	106	C4H10O3	000149-73-5	33
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123512.D
Acq On : 30 Mar 2021 00:03
Operator : JU/CG
Sample : M1809-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1-3-DRUM

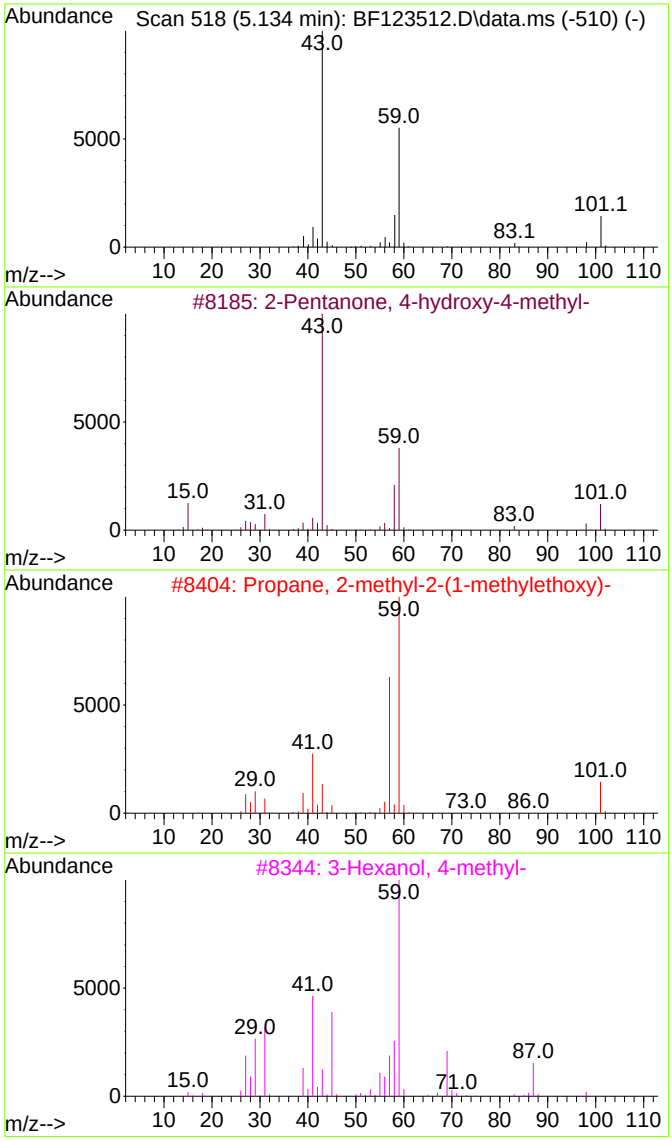
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

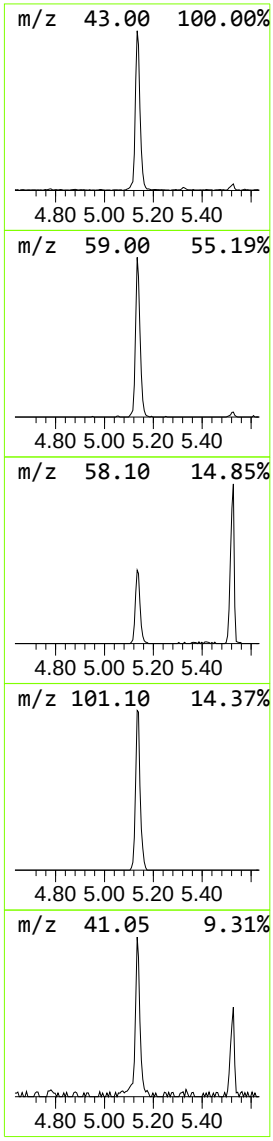
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.134	5.93 ng	455175	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123512.D
Acq On : 30 Mar 2021 00:03
Operator : JU/CG
Sample : M1809-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1-3-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

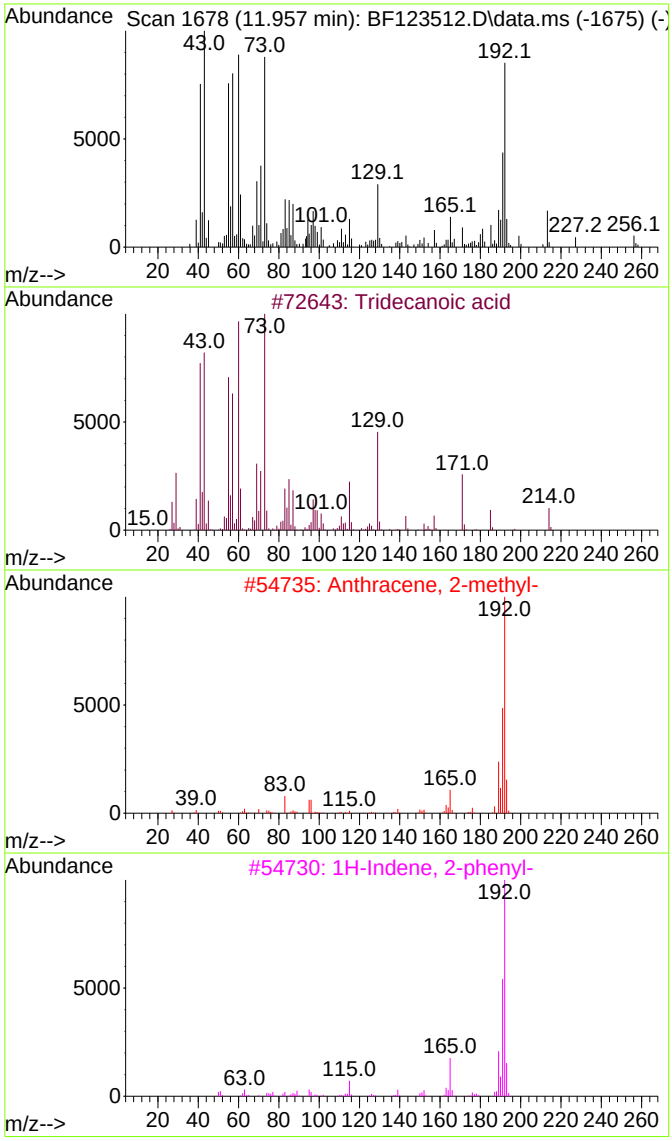
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

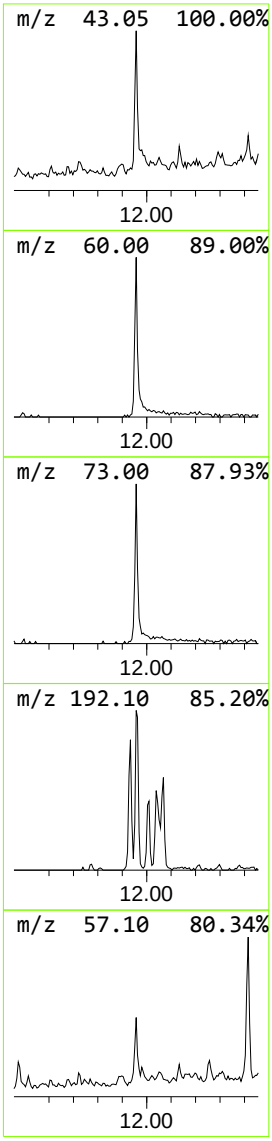
****

Peak Number 5 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	3.17 ng	340530	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	89
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123512.D
Acq On : 30 Mar 2021 00:03
Operator : JU/CG
Sample : M1809-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1-3-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

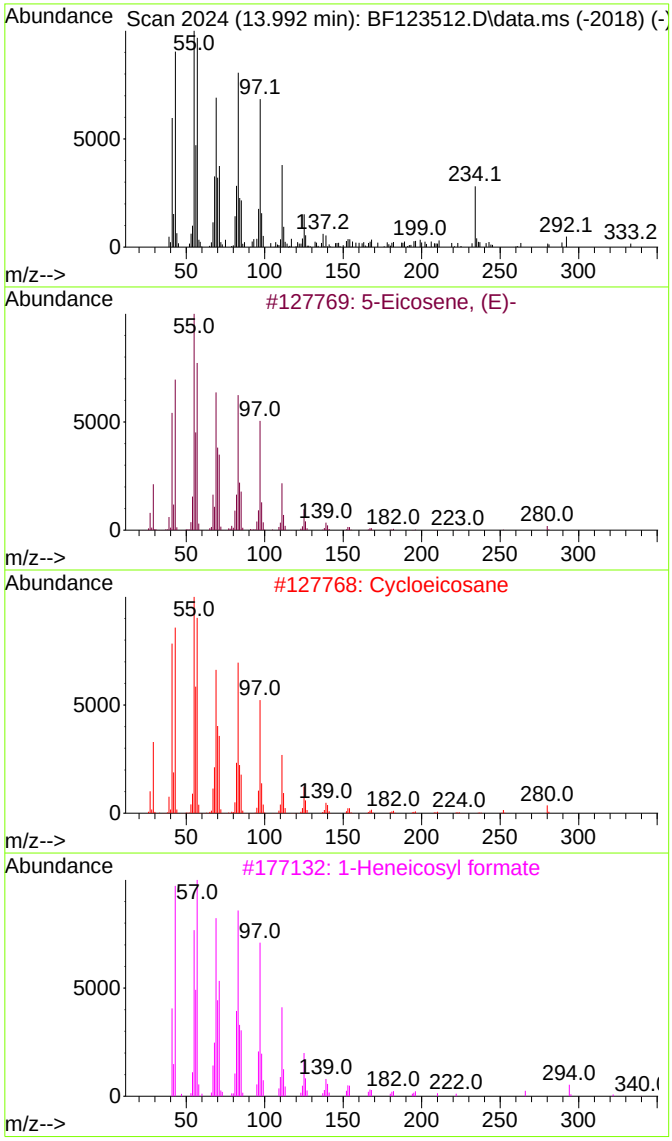
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

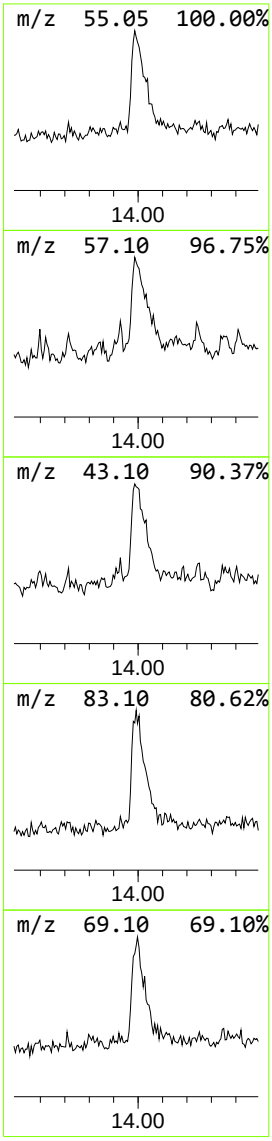
****

Peak Number 6 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.992	8.29 ng	730414	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	Cycloeicosane	280	C20H40	000296-56-0	97
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	87
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123512.D
Acq On : 30 Mar 2021 00:03
Operator : JU/CG
Sample : M1809-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1-3-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

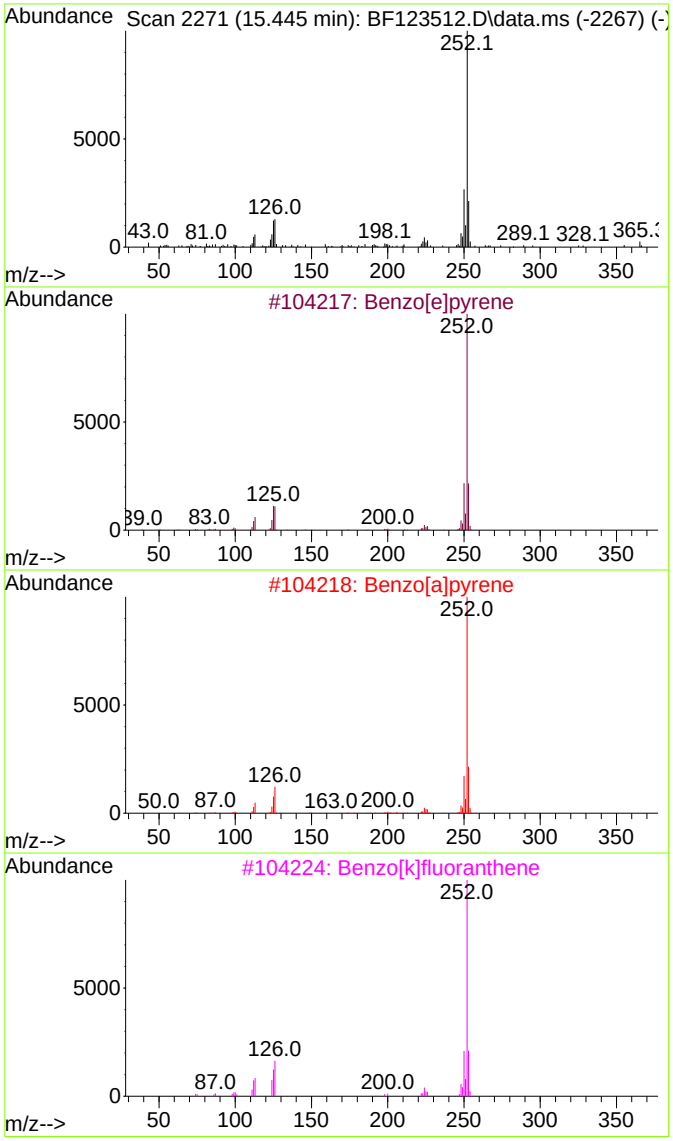
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

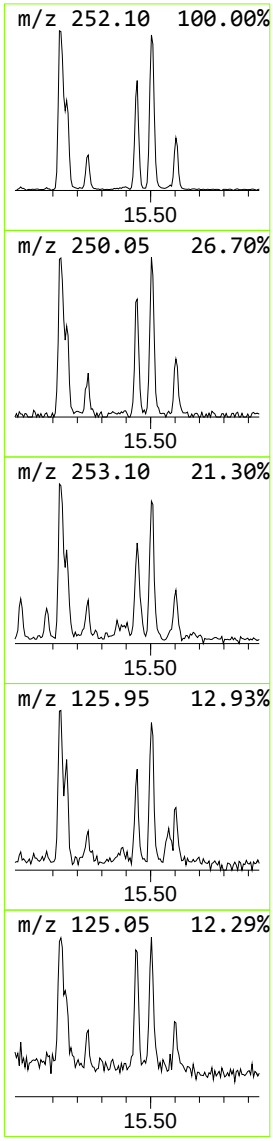
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.445	2.36 ng	161996	Perylene-d12	15.574

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123512.D
Acq On : 30 Mar 2021 00:03
Operator : JU/CG
Sample : M1809-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1-3-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.246	25.6	ng	1968450	1	6.898	1535420	20.0
Propane, 1,1-di...	2.351	4.8	ng	367663	1	6.898	1535420	20.0
2-Pentanone, 4-...	5.134	5.9	ng	455175	1	6.898	1535420	20.0
Tridecanoic acid	11.957	3.2	ng	340530	4	11.427	2147150	20.0
5-Eicosene, (E)-	13.992	8.3	ng	730414	5	14.074	1761190	20.0
Benzo[e]pyrene	15.445	2.4	ng	161996	6	15.574	1375030	20.0