LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
Data File : BF119658.D
Acq On : 31 Mar 2020 18:07
Operator : MA/SJ
Sample : L2055-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2-(1-3)

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-BF031820.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	2.210	16	21	31	rVB2	135878	200022	3.04%	0.317%
2	5.046	498	503	509	rVB	202107	229975	3.49%	0.364%
3	5.446	565	571	574	rBV	6713409	6586118	100.00%	10.435%
4	6.457	737	743	746	rBV	6032265	6453443	97.99%	10.225%
5	6.828	802	806	810	rBV	2524120	1943798	29.51%	3.080%
6	6.987	829	833	836	rBV	6194309	5204874	79.03%	8.246%
7	7.392	896	902	905	rBV	4715445	4296487	65.24%	6.807%
8	8.116	1021	1025	1027	rBV	2953150	2427825	36.86%	3.847%
9	8.134	1027	1028	1033	rVB	117536	83770	1.27%	0.133%
10	9.198	1203	1209	1212	rBV	7587728	6495854	98.63%	10.292%
11	9.586	1272	1275	1279	rVB	1002629	796714	12.10%	1.262%
12	9.733	1297	1300	1304	rVB	173004	140937	2.14%	0.223%
13	9.875	1318	1324	1327	rBV	3071044	2557701	38.83%	4.052%
14	9.910	1327	1330	1333	rVB	96997	90430	1.37%	0.143%
15	10.081	1355	1359	1362	rVB	100599	89524	1.36%	0.142%
16	10.422	1414	1417	1423	rVB2	139988	134640	2.04%	0.213%
17	10.663	1454	1458	1462	rBV	3757417	3604448	54.73%	5.711%
18	10.769	1473	1476	1478	rBV	125969	101854	1.55%	0.161%
19	11.169	1541	1544	1547	rVB	80842	73684	1.12%	0.117%
20	11.263	1558	1560	1565	rVB	79754	74406	1.13%	0.118%
21	11.363	1572	1577	1580	rBV	2435811	2367982	35.95%	3.752%
22	11.386	1580	1581	1585	rVV	1306546	927001	14.08%	1.469%
23	11.439	1588	1590	1593	rVB	268307	196848	2.99%	0.312%
24	11.592	1611	1616	1619	rBV2	86904	95906	1.46%	0.152%
25	11.869	1658	1663	1665	rBV	231790	254416	3.86%	0.403%
26	11.892	1665	1667	1672	rVV	678858	698262	10.60%	1.106%
27	11.939	1673	1675	1678	rVV2	103057	111387	1.69%	0.176%
28	11.980	1678	1682	1684	rVV2	304765	334657	5.08%	0.530%
29	12.004	1684	1686	1689	rVB	168747	135478	2.06%	0.215%
30	12.163	1710	1713	1715	rBV	135398	118989	1.81%	0.189%
31	12.186	1715	1717	1721	rVB2	109797	96774	1.47%	0.153%
32	12.422	1753	1757	1759	rBV	149418	143705	2.18%	0.228%
33	12.457	1759	1763	1765	rVV3	82298	105839	1.61%	0.168%
34	12.504	1768	1771	1776	rBV3	98998	118621	1.80%	0.188%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
Data File : BF119658.D
Acq On : 31 Mar 2020 18:07
Operator : MA/SJ
Sample : L2055-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2-(1-3)

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-BF031820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.580	1780	1784	1787	rBV	1607690	1318512	20.02%	2.089%
36	12.680	1798	1801	1804	rBV2	183732	193978	2.95%	0.307%
37	12.810	1817	1823	1826	rBV	1450507	1374554	20.87%	2.178%
38	12.927	1840	1843	1844	rBV3	84330	74930	1.14%	0.119%
39	12.957	1844	1848	1851	rVV	4985653	4369324	66.34%	6.923%
40	13.027	1856	1860	1864	rBV2	120520	186717	2.84%	0.296%
41	13.116	1872	1875	1877	rBV4	83263	109357	1.66%	0.173%
42	13.139	1877	1879	1882	rVB	191424	164712	2.50%	0.261%
43	13.204	1886	1890	1893	rVB2	117773	133523	2.03%	0.212%
44	13.245	1893	1897	1899	rBV2	168357	172917	2.63%	0.274%
45	13.333	1910	1912	1915	rVB	96167	81151	1.23%	0.129%
46	13.369	1915	1918	1921	rBV	98703	93738	1.42%	0.149%
47	13.645	1962	1965	1971	rBV	113524	132833	2.02%	0.210%
48	13.792	1987	1990	1991	rBV	90479	75564	1.15%	0.120%
49	13.810	1991	1993	1998	rVV2	84706	100372	1.52%	0.159%
50	13.874	1998	2004	2012	rVV2	352722	644243	9.78%	1.021%
51	14.010	2022	2027	2030	rBV2	1979794	2354005	35.74%	3.730%
52	14.039	2030	2032	2037	rVB	557870	496006	7.53%	0.786%
53	14.116	2043	2045	2049	rBV2	116426	108304	1.64%	0.172%
54	14.433	2097	2099	2101	rBV	94484	72674	1.10%	0.115%
55	14.492	2106	2109	2111	rBV2	172264	167192	2.54%	0.265%
56	14.521	2112	2114	2116	rBV2	123974	104536	1.59%	0.166%
57	15.051	2200	2204	2207	rBV	565563	827646	12.57%	1.311%
58	15.351	2252	2255	2262	rVB	350188	455207	6.91%	0.721%
59	15.415	2262	2266	2270	rBV	470764	607670	9.23%	0.963%
60	15.480	2273	2277	2281	rBV	1171871	1404971	21.33%	2.226%

Sum of corrected areas: 63117005

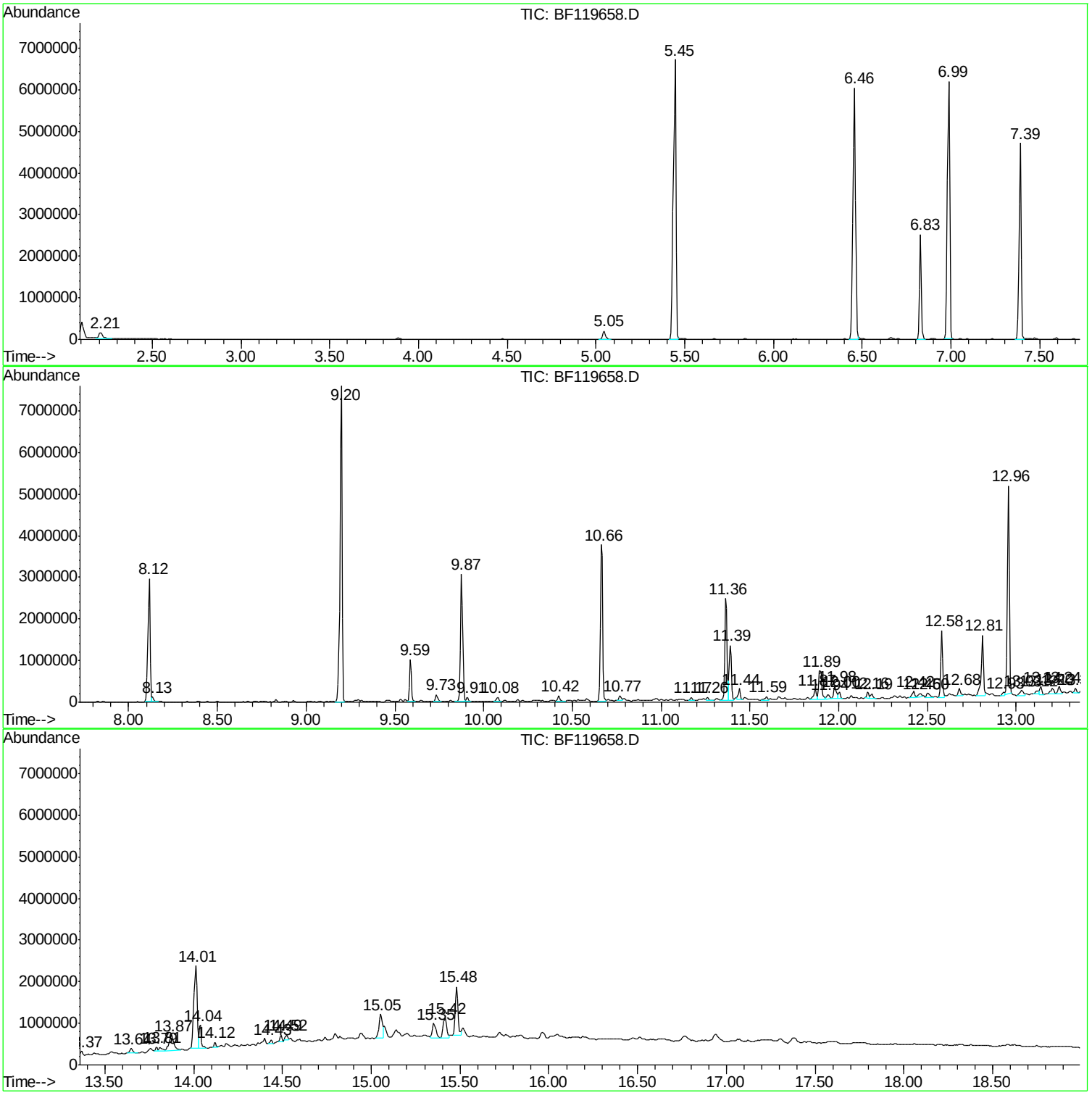
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
Data File : BF119658.D
Acq On : 31 Mar 2020 18:07
Operator : MA/SJ
Sample : L2055-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
Data File : BF119658.D
Acq On : 31 Mar 2020 18:07
Operator : MA/SJ
Sample : L2055-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

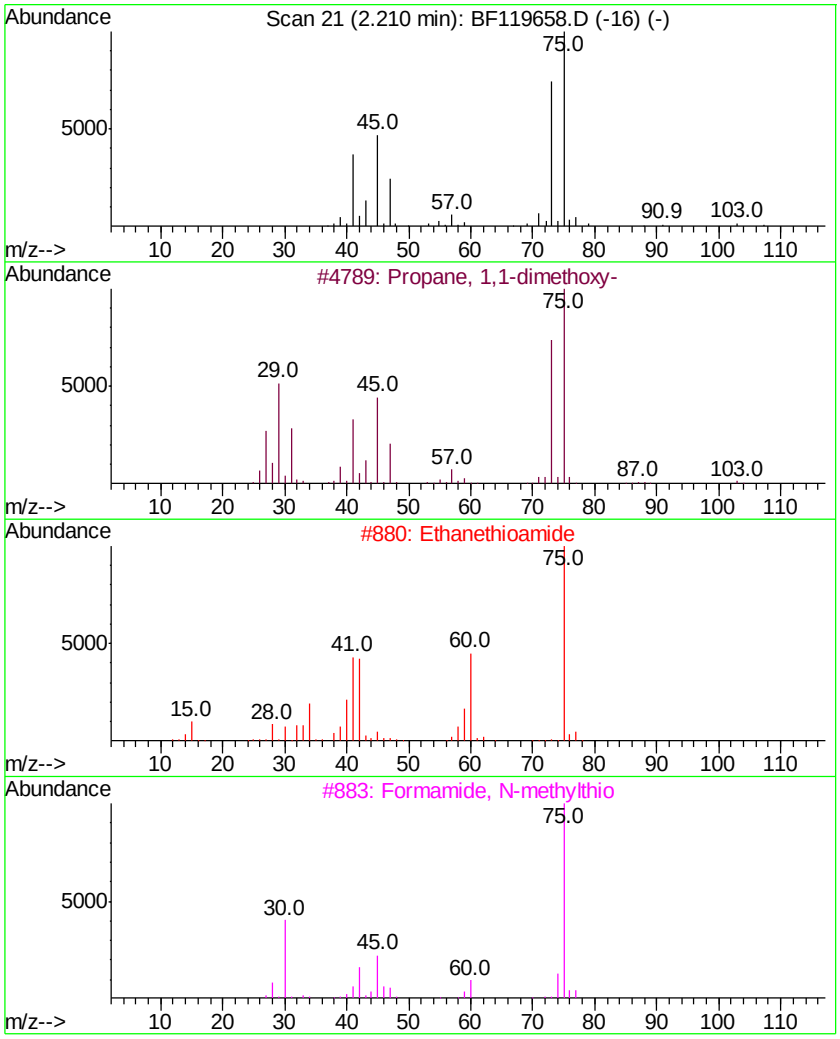
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

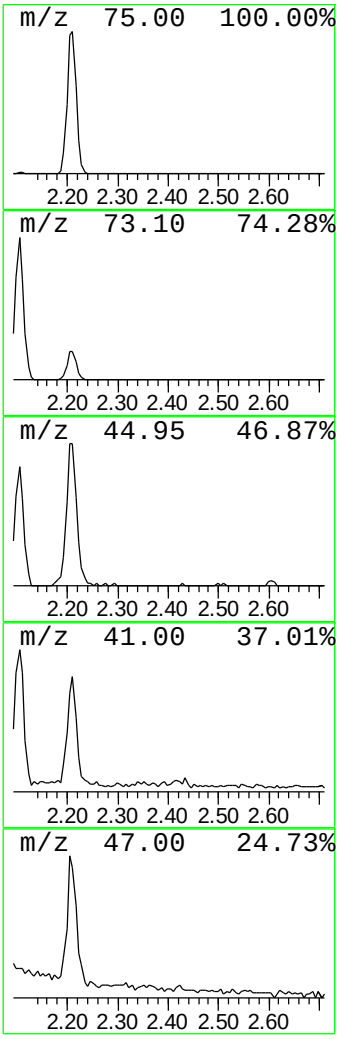
****

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.21	2.06 ng	200022	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2	Ethanethioamide	75	C2H5NS	000062-55-5	9
3	Formamide, N-methylthio	75	C2H5NS	018952-41-5	9
4	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	9
5	Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
Data File : BF119658.D
Acq On : 31 Mar 2020 18:07
Operator : MA/SJ
Sample : L2055-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

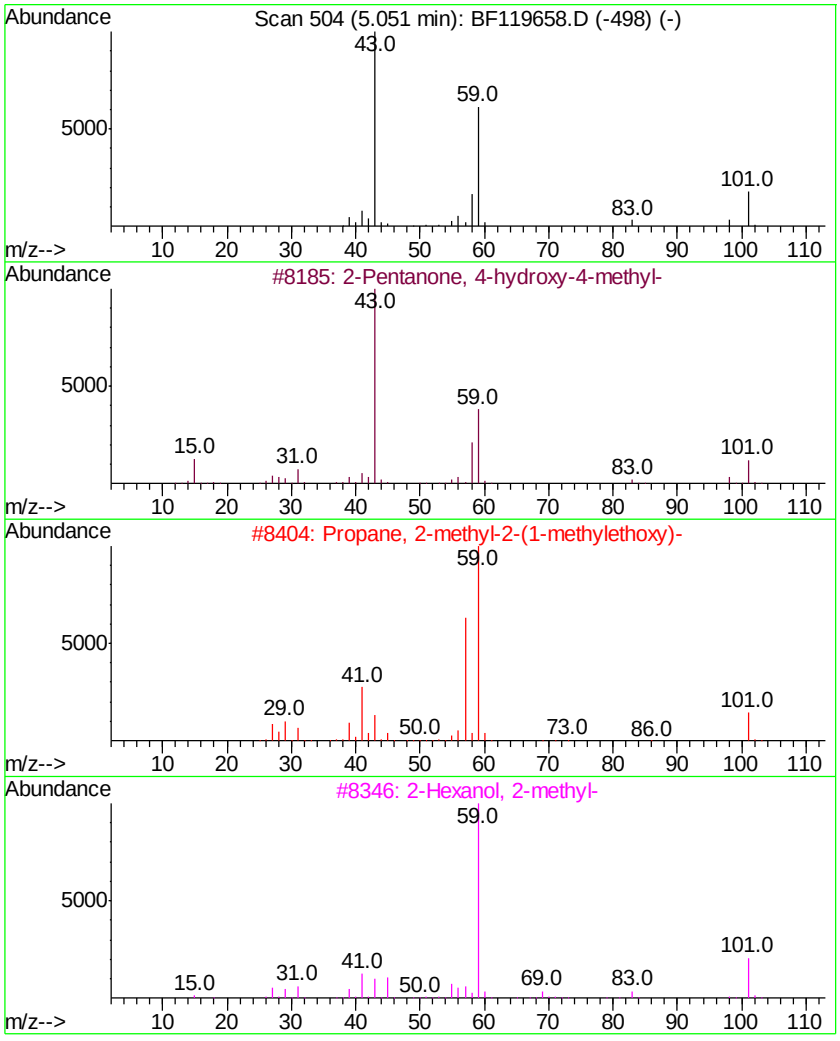
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

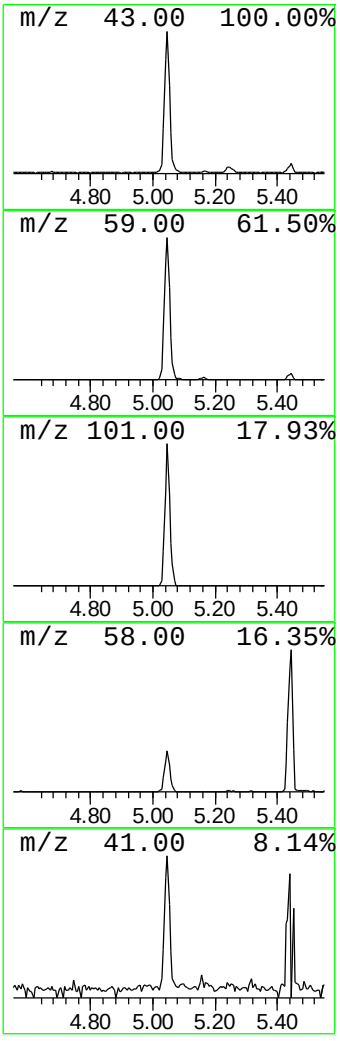
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	2.37 ng	229975	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
Data File : BF119658.D
Acq On : 31 Mar 2020 18:07
Operator : MA/SJ
Sample : L2055-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

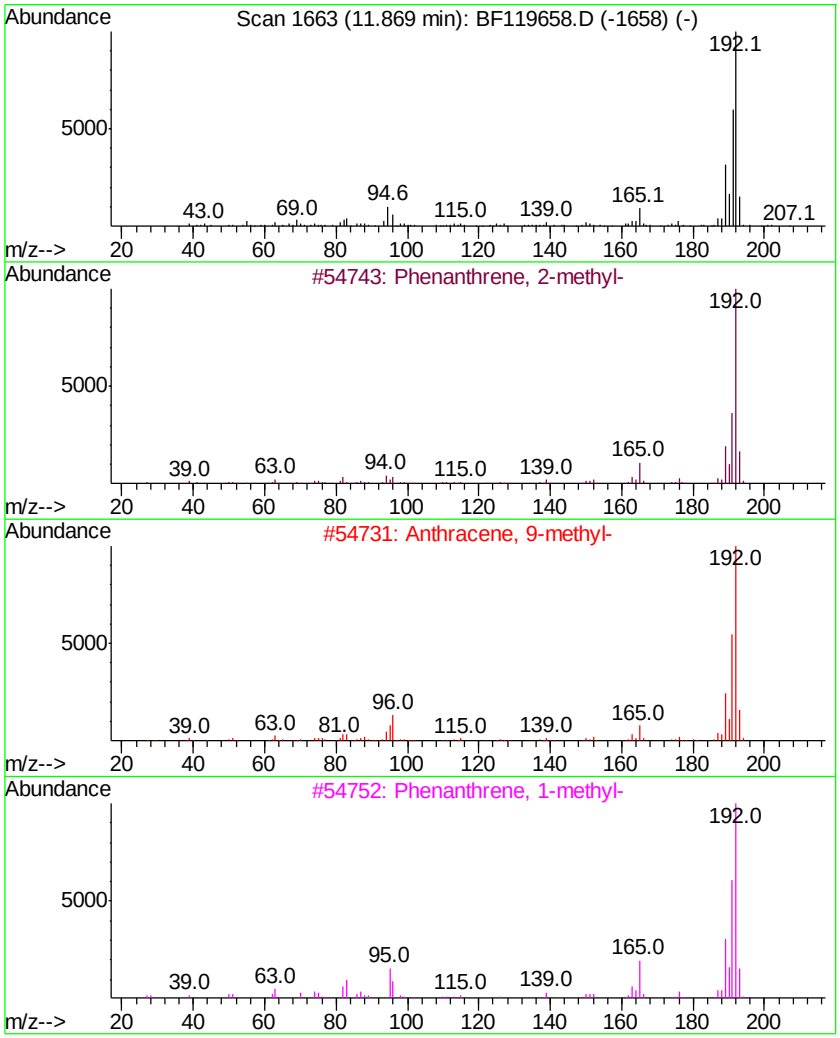
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

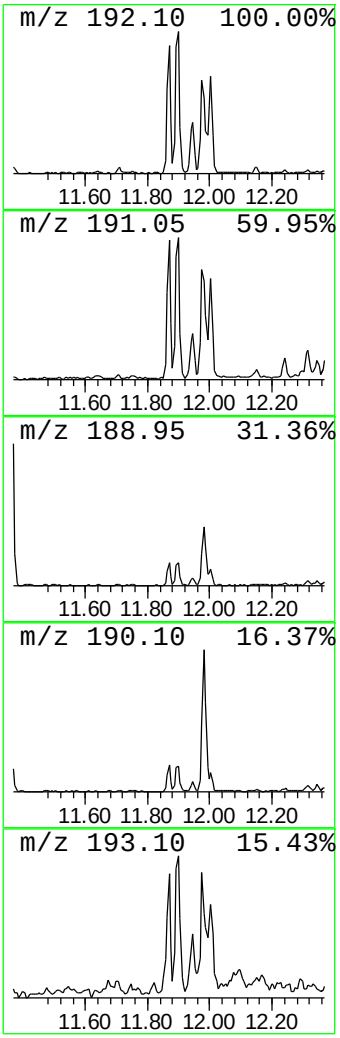
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.15 ng	254416	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	87
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
Data File : BF119658.D
Acq On : 31 Mar 2020 18:07
Operator : MA/SJ
Sample : L2055-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

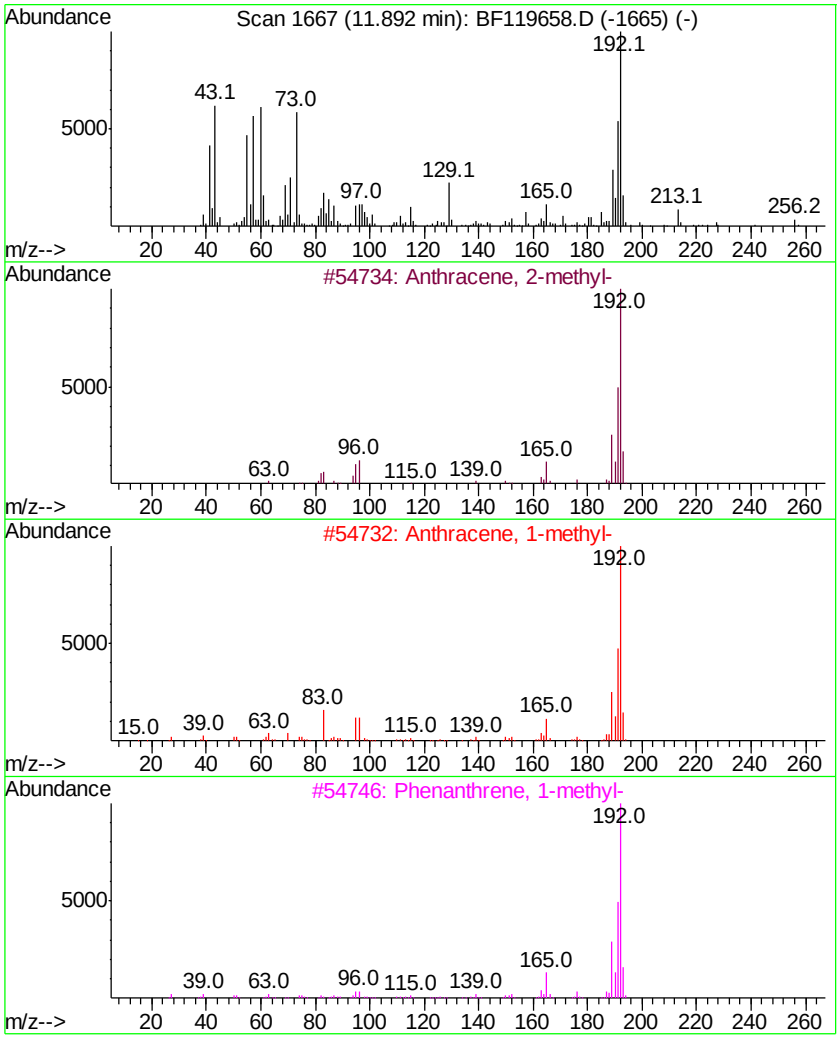
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

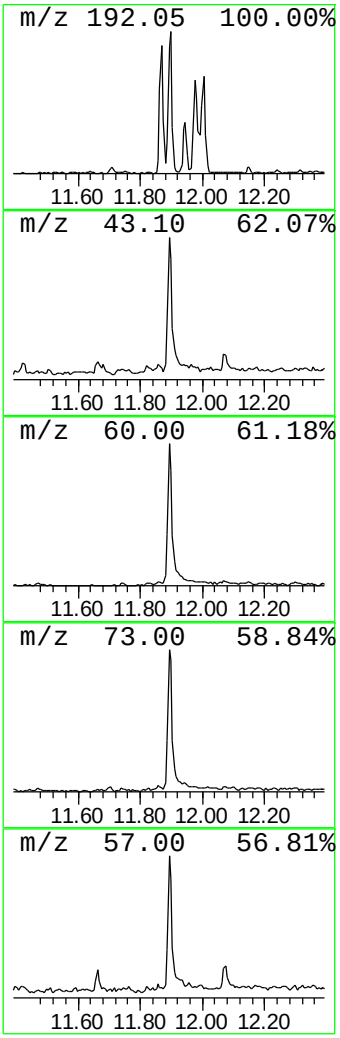
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	5.90 ng	698262	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91





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Data File : BF119658.D
Acq On : 31 Mar 2020 18:07
Operator : MA/SJ
Sample : L2055-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

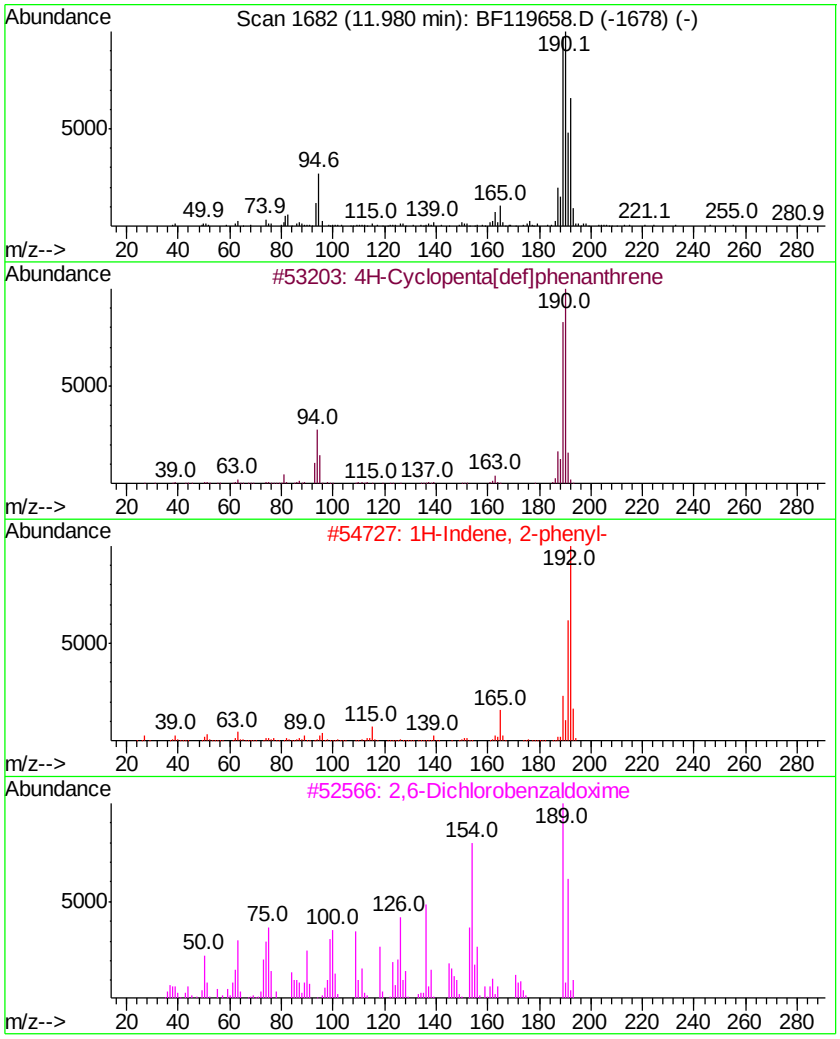
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

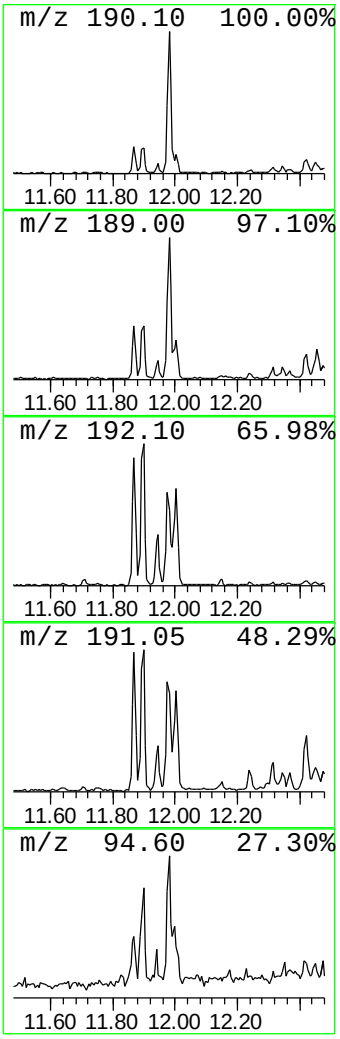
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	2.83 ng	334657	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	86
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
3	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	30





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Instrument : BNA_F
ClientSampleId : SB-2-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

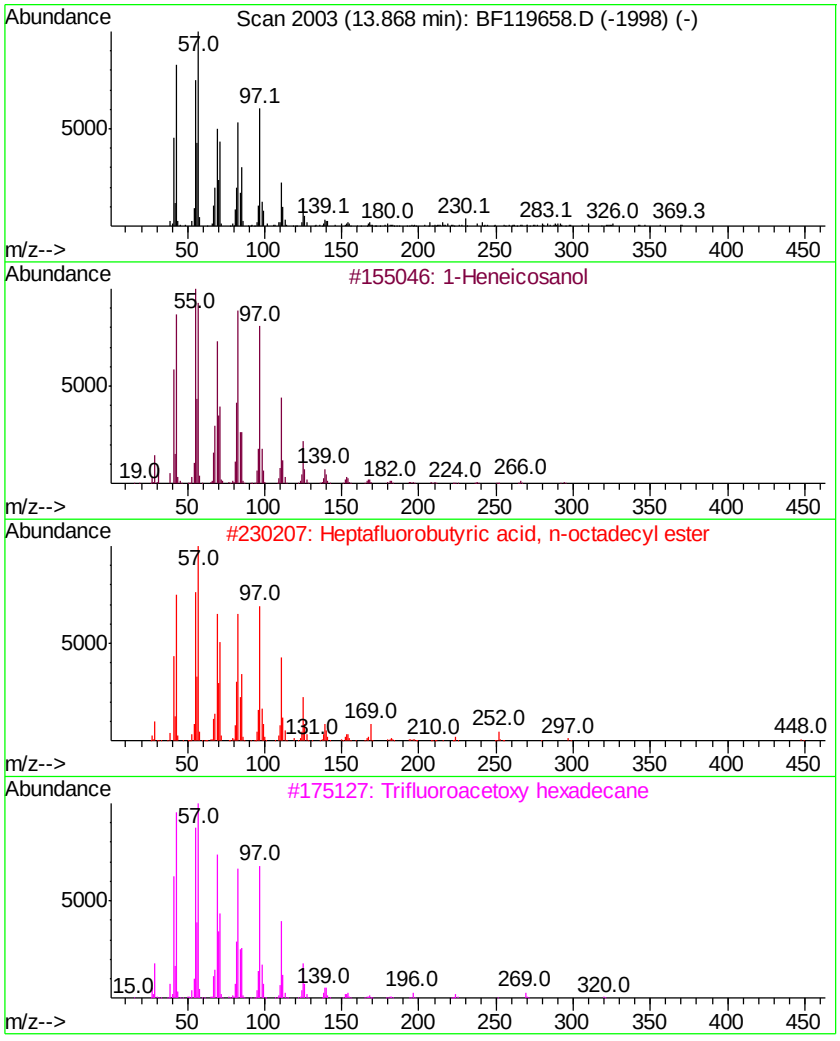
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

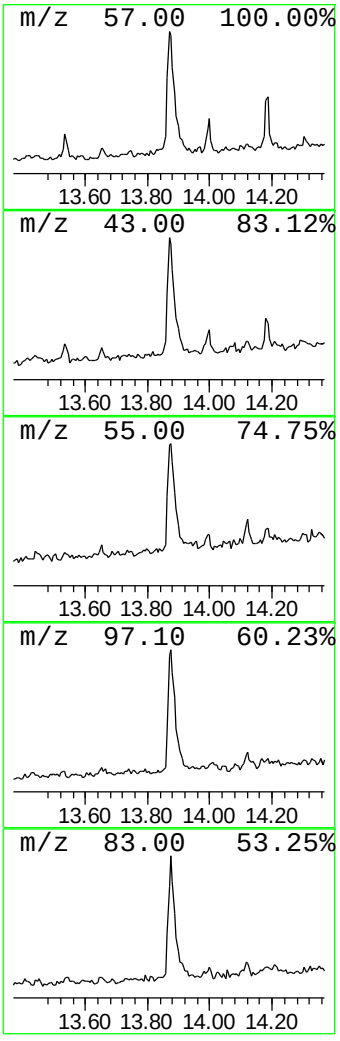
****

Peak Number 7 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	5.47 ng	644243	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	93
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	Cyclotetracosane	336	C24H48	000297-03-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF033120\
Data File : BF119658.D
Acq On : 31 Mar 2020 18:07
Operator : MA/SJ
Sample : L2055-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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
Propane, 1,1-dime...	2.21	2.1	ng	200022	1	6.83	1943800	20.0
2-Pentanone, 4-hy...	5.05	2.4	ng	229975	1	6.83	1943800	20.0
Phenanthrene, 2-m...	11.87	2.1	ng	254416	4	11.36	2367980	20.0
Anthracene, 2-met...	11.89	5.9	ng	698262	4	11.36	2367980	20.0
4H-Cyclopenta[def...	11.98	2.8	ng	334657	4	11.36	2367980	20.0
1-Heneicosanol	13.87	5.5	ng	644243	5	14.01	2354010	20.0