LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120428.D
Acq On : 29 May 2020 00:46
Operator : MA/SJ
Sample : L2744-20 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM50-COMP-2020-0-6

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-BF052820.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	1.916	3	5	11	rVB	287211	283131	13.09%	0.981%
2	1.963	11	13	30	rVV	464050	593499	27.43%	2.057%
3	2.093	30	35	42	rVB	347413	424005	19.60%	1.469%
4	3.898	337	342	346	rVB	22582	28885	1.34%	0.100%
5	5.451	602	606	609	rBV	2223374	1837418	84.92%	6.368%
6	6.463	774	778	781	rBV	2300320	1874266	86.63%	6.496%
7	6.839	839	842	846	rBV	1730104	1468800	67.89%	5.090%
8	6.998	865	869	872	rBV	2064840	1662567	76.84%	5.762%
9	7.398	933	937	940	rBV	1503010	1149689	53.14%	3.984%
10	8.122	1056	1060	1063	rBV	2217293	1742700	80.55%	6.040%
11	9.198	1239	1243	1246	rBV	2723343	2163606	100.00%	7.498%
12	9.592	1306	1310	1315	rBV	297593	253334	11.71%	0.878%
13	9.733	1331	1334	1338	rBV	45332	43037	1.99%	0.149%
14	9.875	1354	1358	1362	rBV	1945617	1679369	77.62%	5.820%
15	10.657	1488	1491	1495	rBV	1220178	1050352	48.55%	3.640%
16	11.363	1607	1611	1613	rBV	1755007	1546609	71.48%	5.360%
17	11.380	1613	1614	1618	rVB	295300	212533	9.82%	0.737%
18	11.433	1620	1623	1626	rVB	100689	78977	3.65%	0.274%
19	11.586	1645	1649	1652	rBV2	23251	26036	1.20%	0.090%
20	11.863	1690	1696	1698	rBV2	80297	117581	5.43%	0.408%
21	11.886	1698	1700	1705	rVV	232429	214845	9.93%	0.745%
22	11.933	1705	1708	1711	rVV2	37395	46880	2.17%	0.162%
23	11.974	1711	1715	1717	rVV2	94959	112079	5.18%	0.388%
24	11.992	1717	1718	1722	rVB	46576	38903	1.80%	0.135%
25	12.157	1741	1746	1748	rBV	45470	47986	2.22%	0.166%
26	12.174	1748	1749	1754	rVB3	31528	27375	1.27%	0.095%
27	12.410	1786	1789	1791	rBV	60483	55738	2.58%	0.193%
28	12.451	1792	1796	1798	rVV3	36914	45846	2.12%	0.159%
29	12.492	1800	1803	1810	rVB2	41084	44004	2.03%	0.153%
30	12.568	1813	1816	1820	rVB	631535	529185	24.46%	1.834%
31	12.798	1849	1855	1858	rBV	629136	607502	28.08%	2.105%
32	12.851	1861	1864	1868	rVB2	27507	34019	1.57%	0.118%
33	12.916	1872	1875	1876	rBV3	37380	33033	1.53%	0.114%
34	12.945	1876	1880	1883	rVB	2256556	1876613	86.74%	6.504%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120428.D
Acq On : 29 May 2020 00:46
Operator : MA/SJ
Sample : L2744-20 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM50-COMP-2020-0-6

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-BF052820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.015	1888	1892	1896	rBV2	60559	99186	4.58%	0.344%
36	13.104	1904	1907	1908	rBV2	40016	39920	1.85%	0.138%
37	13.127	1908	1911	1914	rVB	96360	97430	4.50%	0.338%
38	13.163	1914	1917	1918	rBV3	24745	26228	1.21%	0.091%
39	13.192	1918	1922	1925	rVV2	70844	67470	3.12%	0.234%
40	13.233	1925	1929	1931	rBV2	78707	84152	3.89%	0.292%
41	13.321	1942	1944	1947	rVB	54786	43712	2.02%	0.151%
42	13.351	1947	1949	1954	rBV	49359	48406	2.24%	0.168%
43	13.427	1959	1962	1967	rVV6	41235	49913	2.31%	0.173%
44	13.521	1973	1978	1981	rBV5	45948	73530	3.40%	0.255%
45	13.633	1994	1997	2002	rVB	64471	69652	3.22%	0.241%
46	13.745	2012	2016	2019	rBV3	63197	96850	4.48%	0.336%
47	13.774	2019	2021	2023	rVV	69275	58795	2.72%	0.204%
48	13.798	2023	2025	2029	rVV3	60512	98343	4.55%	0.341%
49	13.845	2029	2033	2040	rVB4	235564	318267	14.71%	1.103%
50	13.998	2053	2059	2061	rBV2	1717619	1919501	88.72%	6.652%
51	14.021	2061	2063	2069	rVB	367288	307443	14.21%	1.066%
52	14.098	2074	2076	2080	rVB3	50002	49455	2.29%	0.171%
53	14.168	2085	2088	2093	rVB2	99903	117147	5.41%	0.406%
54	14.474	2137	2140	2143	rBV2	196293	191662	8.86%	0.664%
55	14.774	2188	2191	2195	rBV	157369	177766	8.22%	0.616%
56	14.921	2214	2216	2222	rVB5	69378	73895	3.42%	0.256%
57	15.027	2230	2234	2237	rBV	274102	396969	18.35%	1.376%
58	15.115	2245	2249	2251	rBV	196353	245417	11.34%	0.851%
59	15.327	2282	2285	2291	rVB	156051	194711	9.00%	0.675%
60	15.386	2291	2295	2300	rBV	226469	264472	12.22%	0.917%
61	15.451	2301	2306	2309	rVV	1058675	1201609	55.54%	4.164%
62	15.492	2309	2313	2318	rVB2	177982	284605	13.15%	0.986%
63	15.927	2383	2387	2392	rVB	154139	207247	9.58%	0.718%

Sum of corrected areas: 28854155

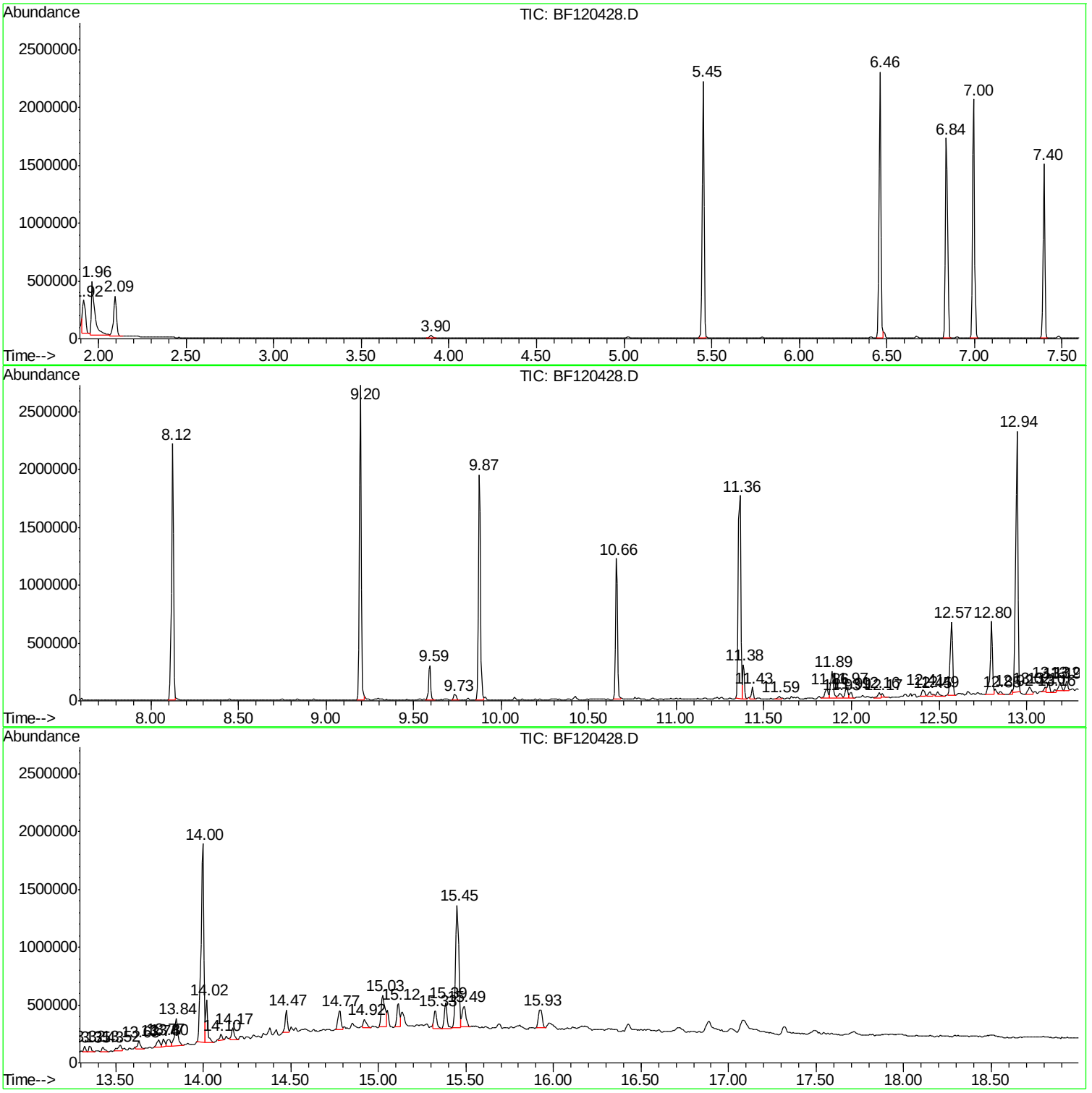
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120428.D
Acq On : 29 May 2020 00:46
Operator : MA/SJ
Sample : L2744-20 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM50-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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\BF052820\
Data File : BF120428.D
Acq On : 29 May 2020 00:46
Operator : MA/SJ
Sample : L2744-20 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM50-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

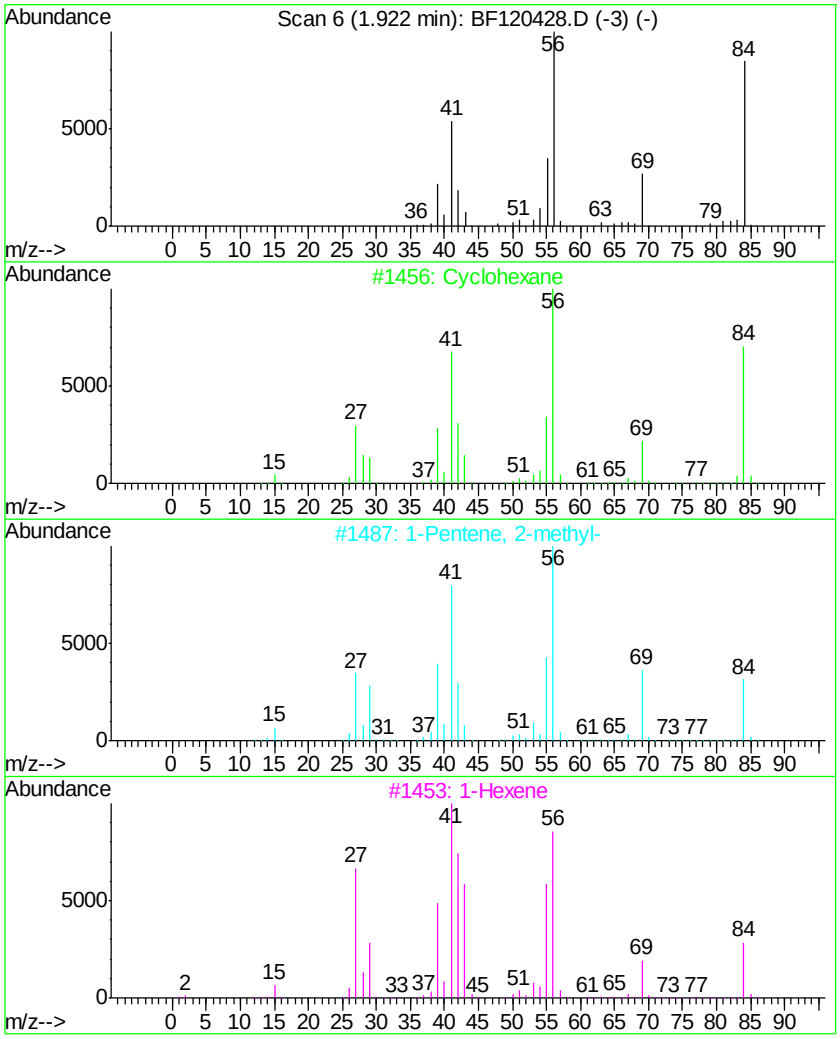
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

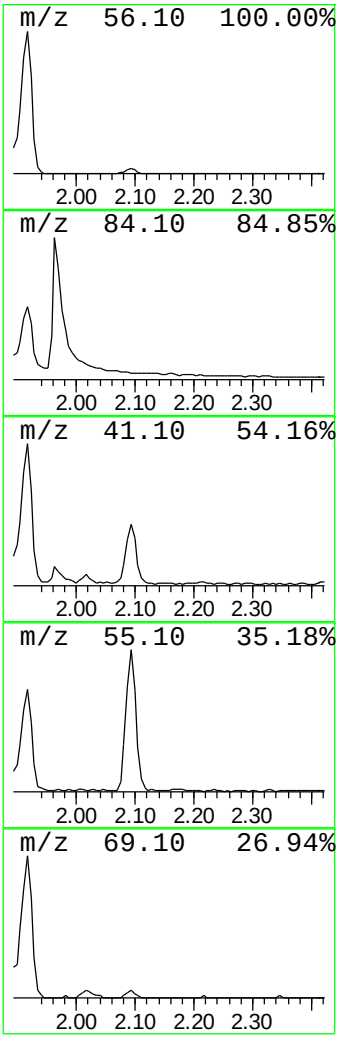
****

Peak Number 1 Cyclohexane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.92	3.86 ng	283131	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78
3	1-Hexene	84	C6H12	000592-41-6	53
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	50
5	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120428.D
Acq On : 29 May 2020 00:46
Operator : MA/SJ
Sample : L2744-20 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM50-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

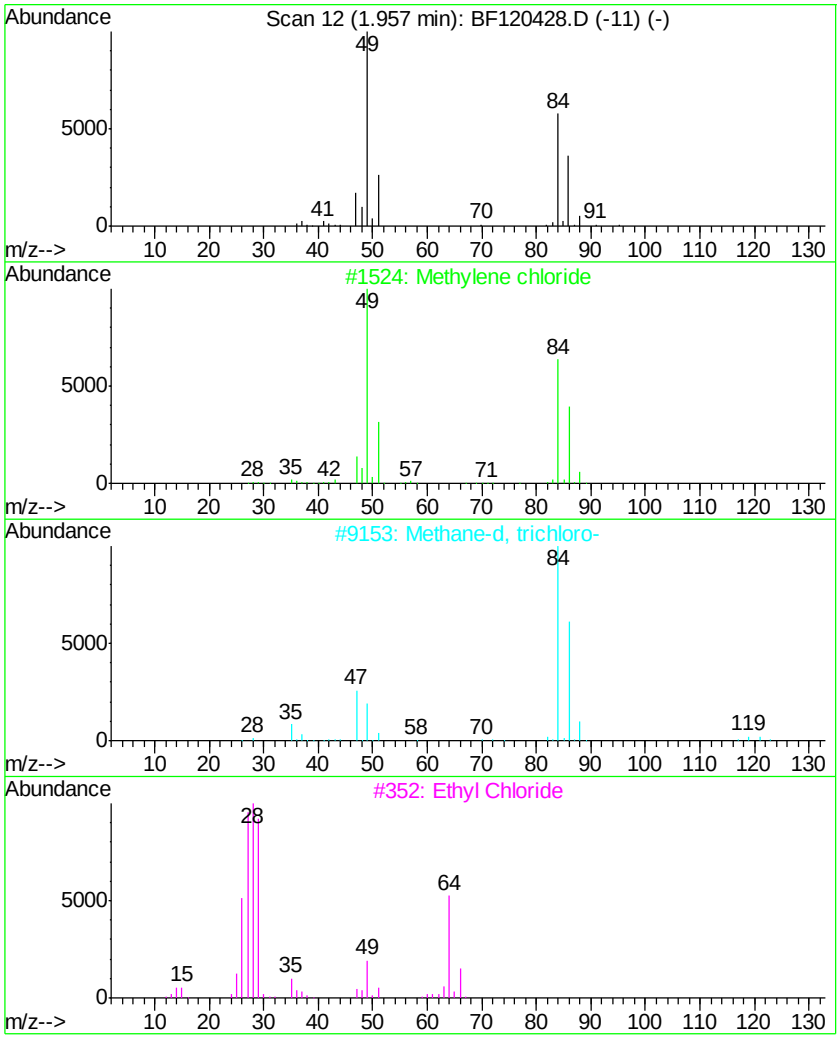
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

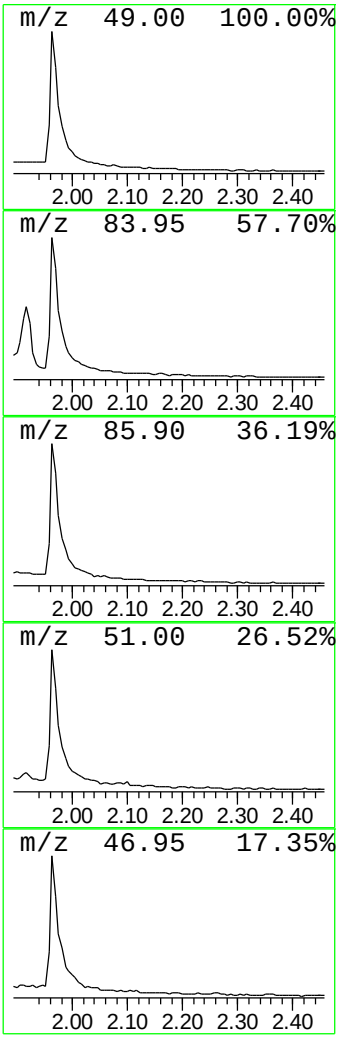
****

Peak Number 2 Methylene chloride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	8.08 ng	593499	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene chloride	84	CH2Cl2	000075-09-2	95
2	Methane-d, trichloro-	119	CDCl3	000865-49-6	10
3	Ethyl Chloride	64	C2H5Cl	000075-00-3	4
4	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	2
5	2-Chloroethanol	80	C2H5ClO	000107-07-3	1





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120428.D
Acq On : 29 May 2020 00:46
Operator : MA/SJ
Sample : L2744-20 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM50-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

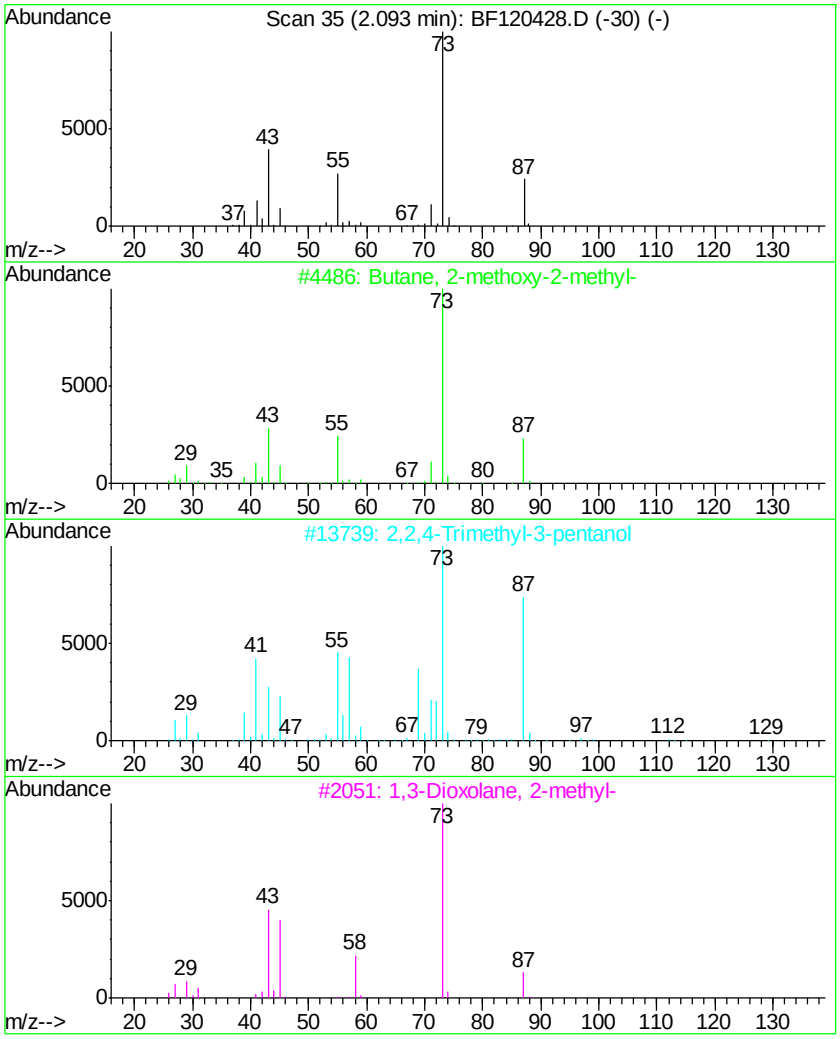
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

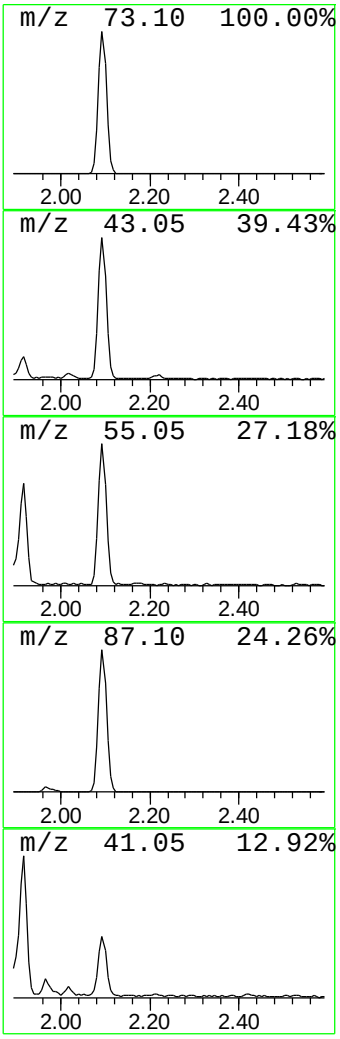
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.09	5.77 ng	424005	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120428.D
Acq On : 29 May 2020 00:46
Operator : MA/SJ
Sample : L2744-20 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM50-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

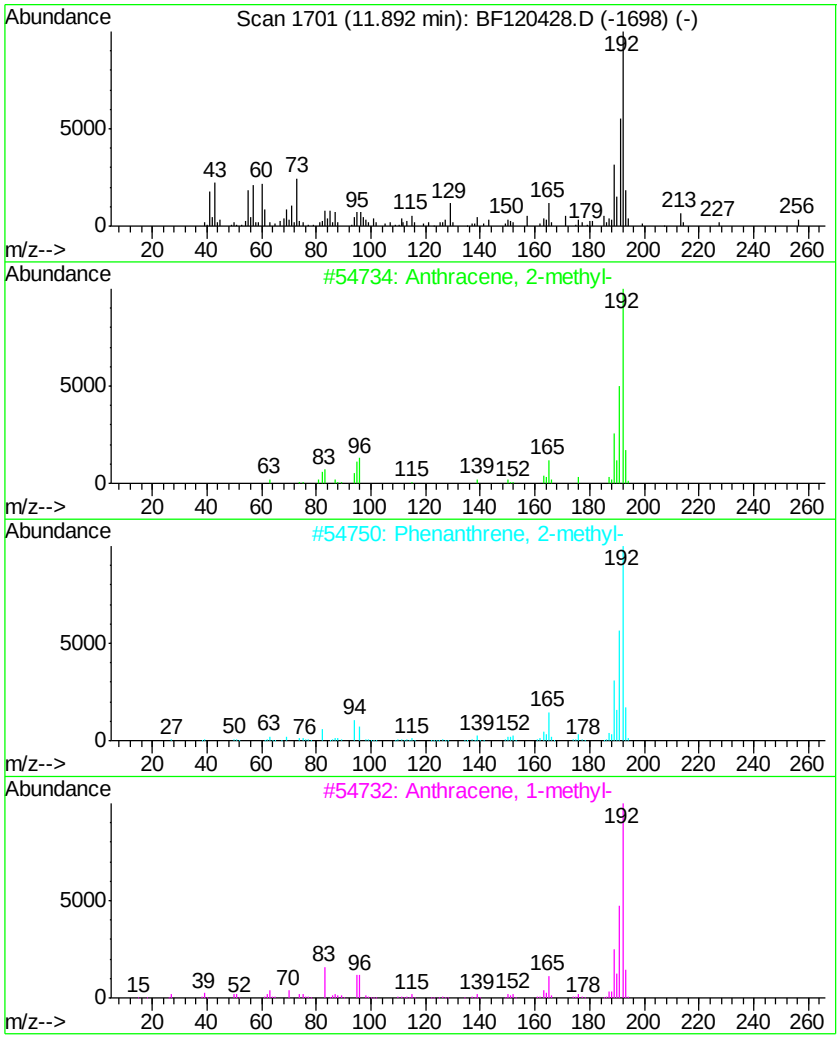
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

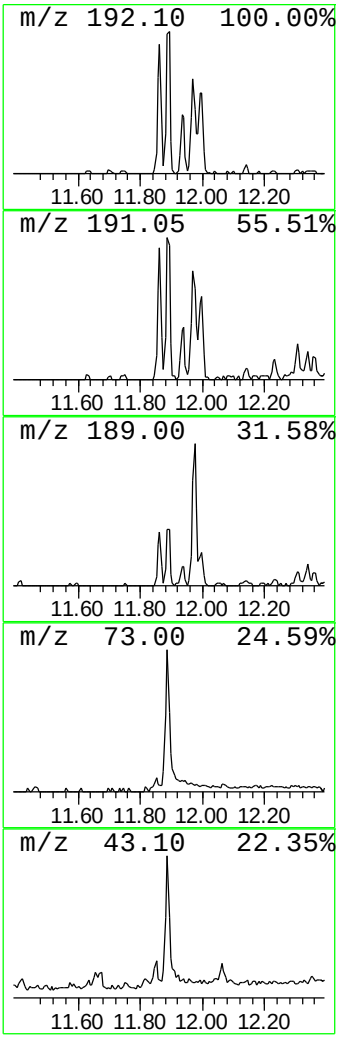
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.78 ng	214845	Phenanthrene-d10	11.36

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	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120428.D
Acq On : 29 May 2020 00:46
Operator : MA/SJ
Sample : L2744-20 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM50-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

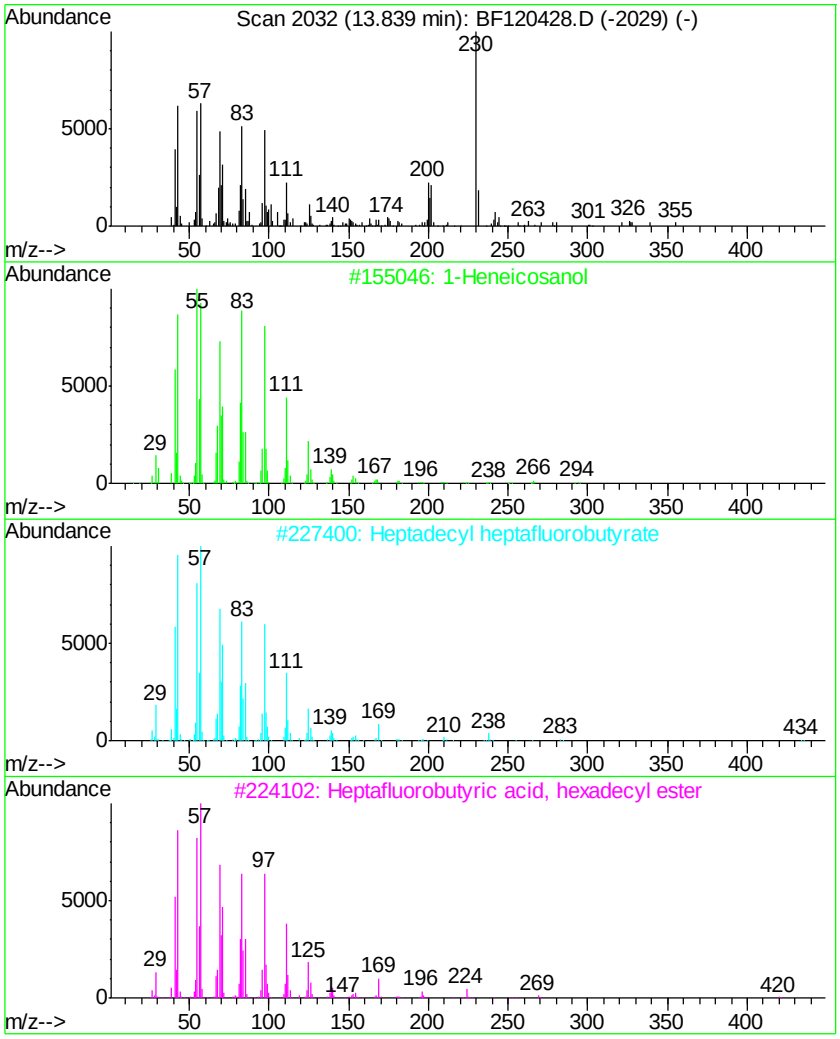
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

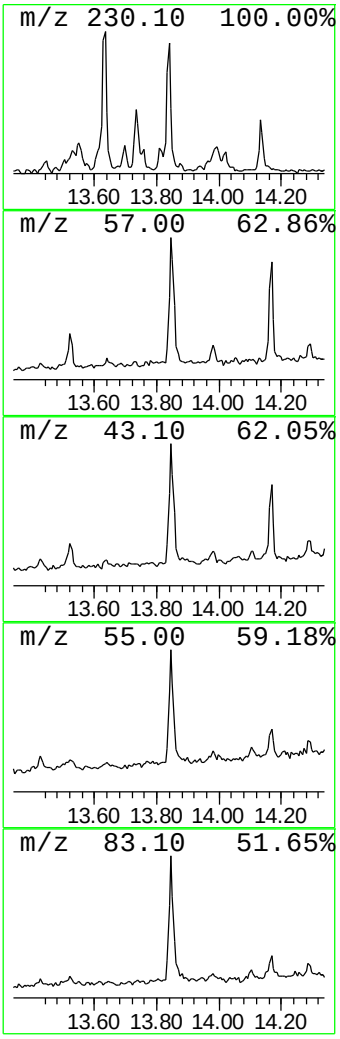
****

Peak Number 6 1-Heneicosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	3.32 ng	318267	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	92
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
3	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	90
5	1-Docosene	308	C22H44	001599-67-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120428.D
Acq On : 29 May 2020 00:46
Operator : MA/SJ
Sample : L2744-20 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM50-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

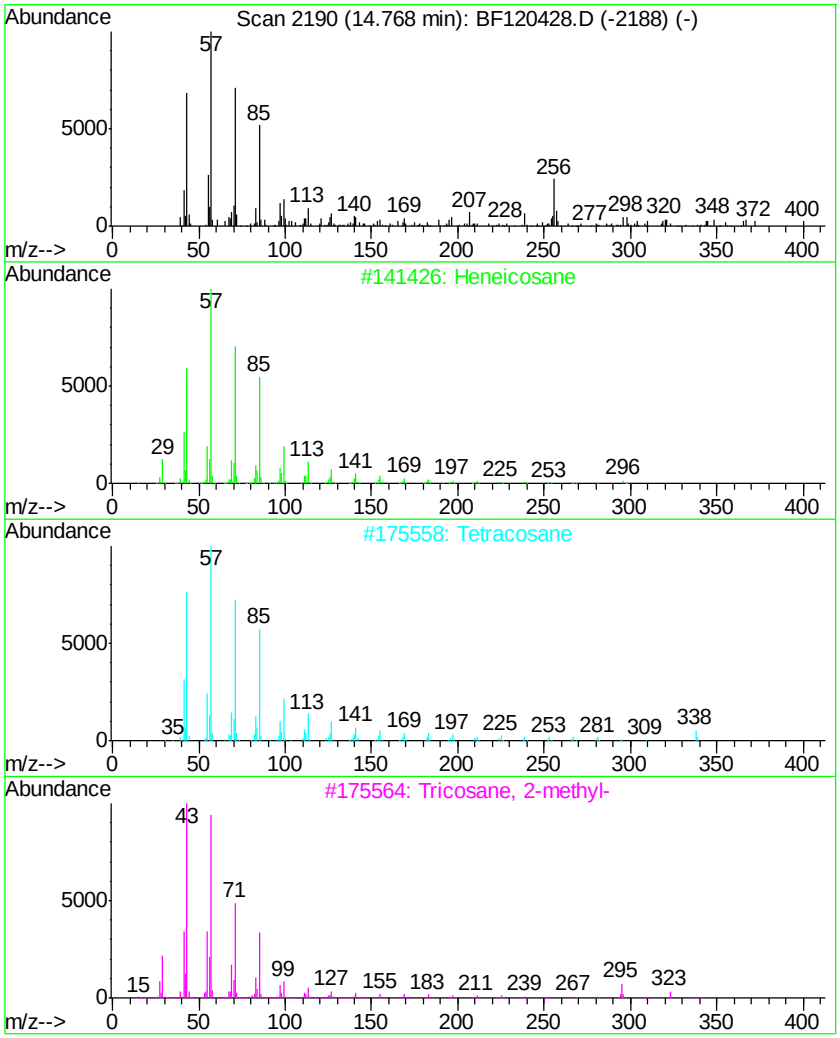
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

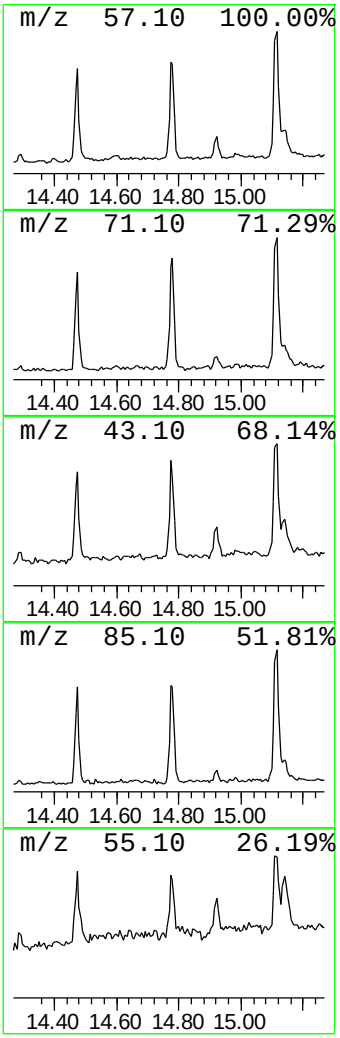
****

Peak Number 7 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.96 ng	177766	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	99
2	Tetracosane	338	C24H50	000646-31-1	97
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	93
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120428.D
Acq On : 29 May 2020 00:46
Operator : MA/SJ
Sample : L2744-20 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM50-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

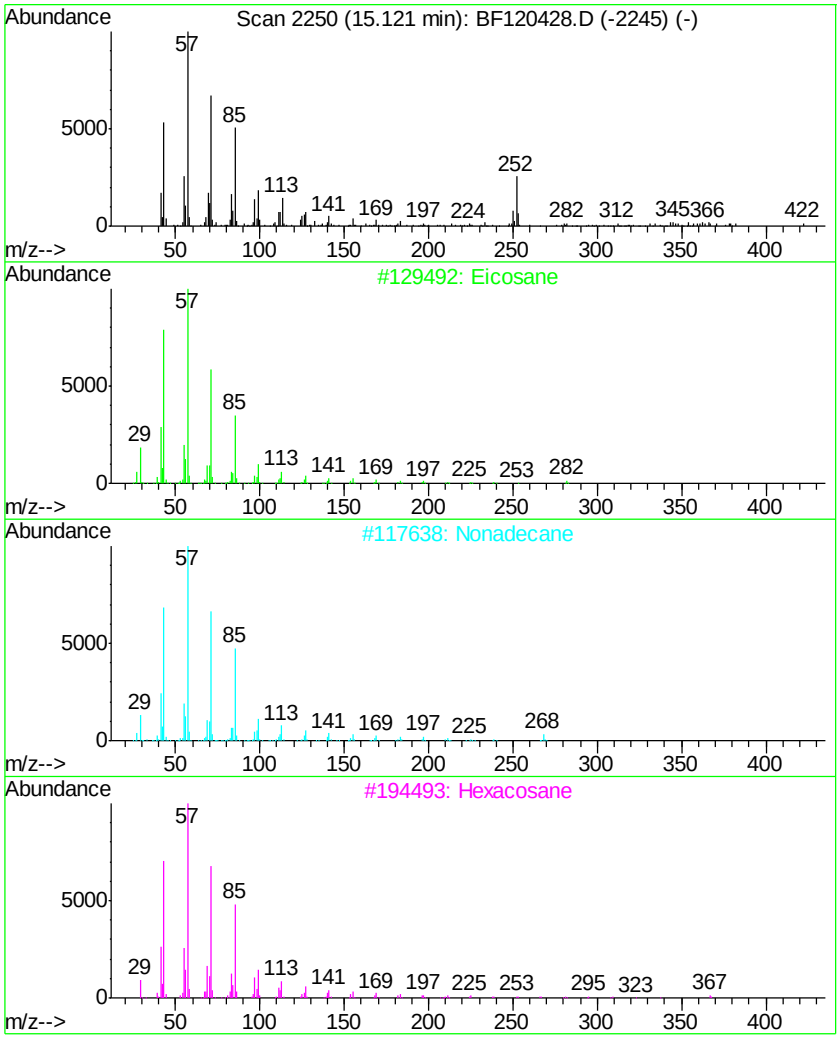
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

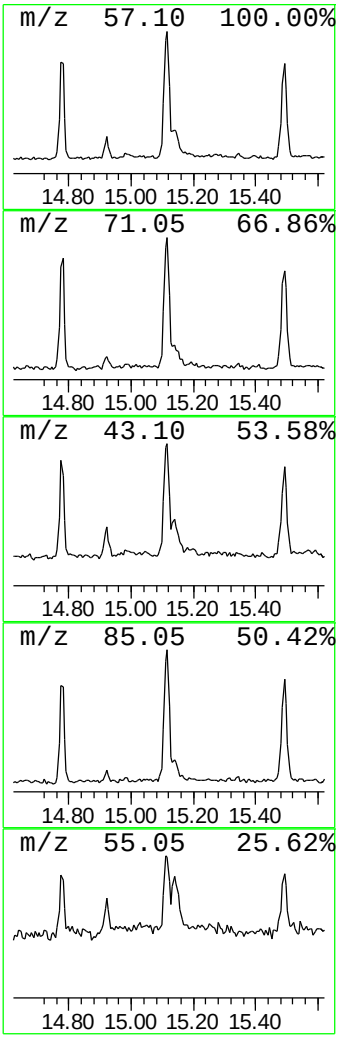
****

Peak Number 8 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	4.08 ng	245417	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Nonadecane	268	C19H40	000629-92-5	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Octacosane	394	C28H58	000630-02-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120428.D
Acq On : 29 May 2020 00:46
Operator : MA/SJ
Sample : L2744-20 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM50-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

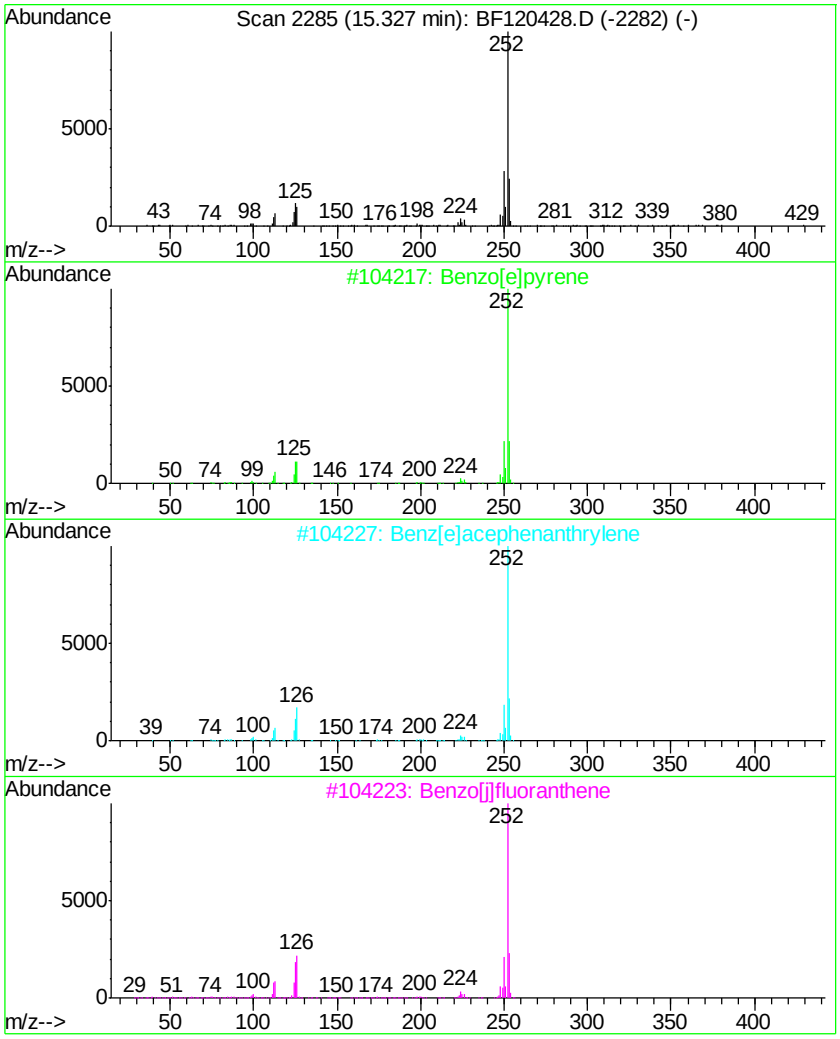
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

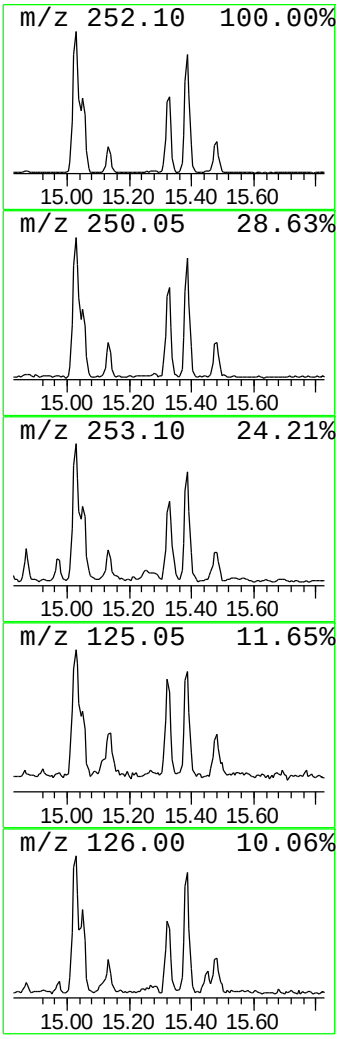
****

Peak Number 9 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	3.24 ng	194711	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120428.D
Acq On : 29 May 2020 00:46
Operator : MA/SJ
Sample : L2744-20 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM50-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

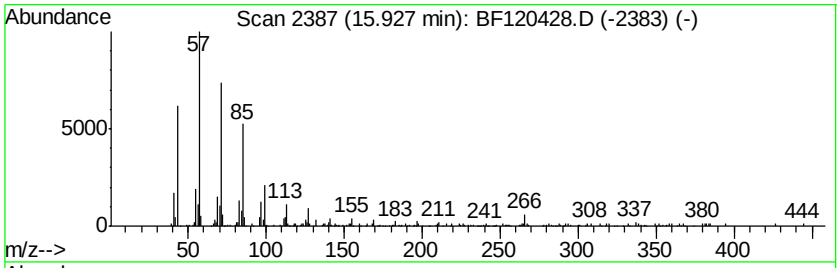
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

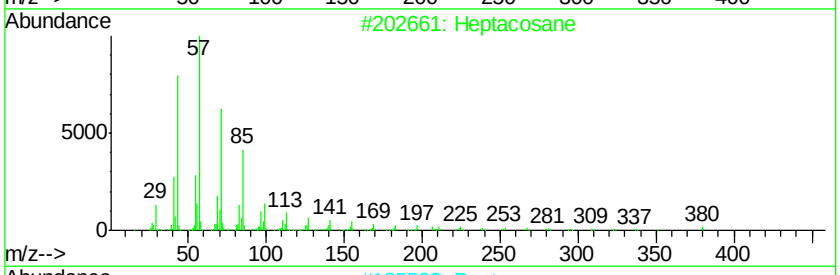
****

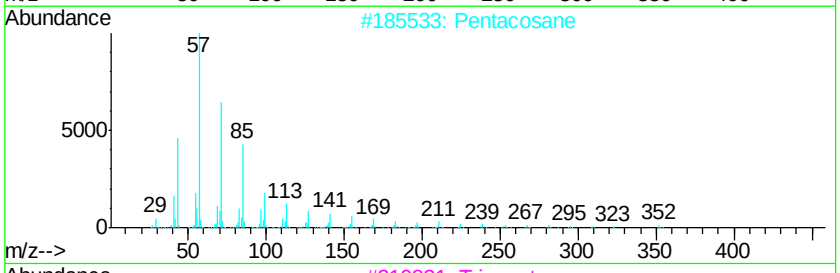
Peak Number 10 Heptacosane Concentration Rank 6

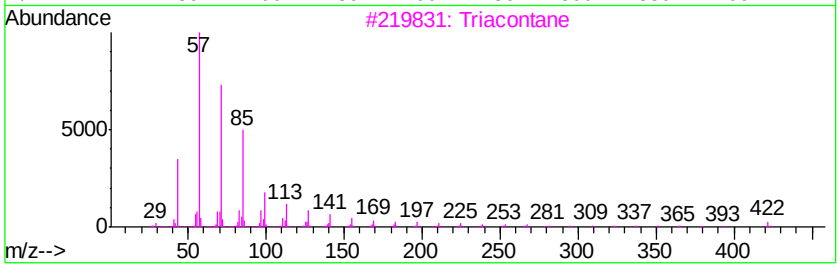
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	3.45 ng	207247	Perylene-d12	15.45

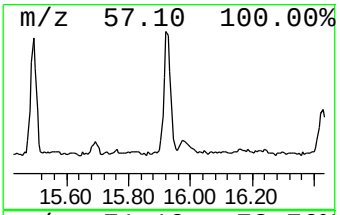
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	96
2	Pentacosane	352	C25H52	000629-99-2	93
3	Triacontane	422	C30H62	000638-68-6	87
4	Heptadecane	240	C17H36	000629-78-7	87
5	Docosane	310	C22H46	000629-97-0	87

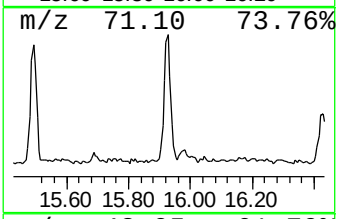


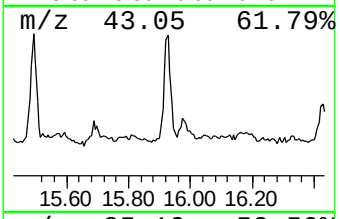


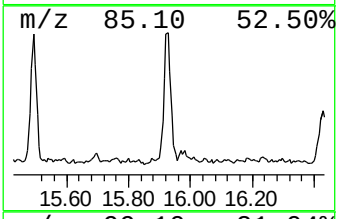


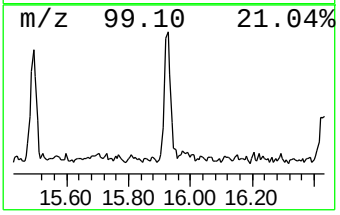












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120428.D
Acq On : 29 May 2020 00:46
Operator : MA/SJ
Sample : L2744-20 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM50-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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
Cyclohexane	1.92	3.9	ng	283131	1	6.84	1468800	20.0
Methylene chloride	1.96	8.1	ng	593499	1	6.84	1468800	20.0
Butane, 2-methoxy...	2.09	5.8	ng	424005	1	6.84	1468800	20.0
Anthracene, 2-met...	11.89	2.8	ng	214845	4	11.36	1546610	20.0
1-Heneicosanol	13.84	3.3	ng	318267	5	14.00	1919500	20.0
Heneicosane	14.77	3.0	ng	177766	6	15.45	1201610	20.0
Eicosane	15.12	4.1	ng	245417	6	15.45	1201610	20.0
Benzo[e]pyrene	15.33	3.2	ng	194711	6	15.45	1201610	20.0
Heptacosane	15.93	3.5	ng	207247	6	15.45	1201610	20.0