LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120527.D
Acq On : 3 Jun 2020 23:22
Operator : JU/CG
Sample : L2839-07 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM7-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	1.952	9	11	26	rVB	679229	842584	43.10%	3.779%
2	2.069	27	31	37	rVB	274135	323398	16.54%	1.451%
3	3.881	335	339	345	rVB	18072	24303	1.24%	0.109%
4	5.451	602	606	610	rBV	1715611	1476747	75.54%	6.624%
5	6.469	775	779	792	rVB	1484624	1265705	64.74%	5.677%
6	6.834	837	841	844	rBV	977119	759745	38.86%	3.408%
7	6.992	864	868	871	rVB	1225046	1076366	55.06%	4.828%
8	7.392	932	936	939	rBV	950501	766040	39.18%	3.436%
9	8.116	1055	1059	1062	rBV	1257238	978034	50.03%	4.387%
10	9.192	1238	1242	1245	rBV	2461574	1955047	100.00%	8.769%
11	9.581	1305	1308	1317	rVB	264015	244181	12.49%	1.095%
12	9.733	1330	1334	1341	rBV	33144	36568	1.87%	0.164%
13	9.875	1352	1358	1361	rBV	1435363	1301221	66.56%	5.837%
14	10.416	1447	1450	1455	rBV	25554	25121	1.28%	0.113%
15	10.657	1487	1491	1495	rBV	1203141	988736	50.57%	4.435%
16	11.010	1547	1551	1556	rVB7	20335	29496	1.51%	0.132%
17	11.157	1573	1576	1580	rVB	24996	27224	1.39%	0.122%
18	11.251	1590	1592	1599	rVB	25609	34097	1.74%	0.153%
19	11.304	1599	1601	1605	rBV4	21447	31868	1.63%	0.143%
20	11.357	1605	1610	1612	rVV	1420128	1166873	59.69%	5.234%
21	11.380	1612	1614	1617	rVV	368308	278660	14.25%	1.250%
22	11.433	1620	1623	1627	rVB	82267	72143	3.69%	0.324%
23	11.586	1644	1649	1652	rBV2	38305	52525	2.69%	0.236%
24	11.663	1658	1662	1665	rBV2	18026	28864	1.48%	0.129%
25	11.816	1684	1688	1690	rBV2	35040	35606	1.82%	0.160%
26	11.857	1690	1695	1697	rVV2	62706	74107	3.79%	0.332%
27	11.886	1697	1700	1704	rVB	170231	143199	7.32%	0.642%
28	11.969	1711	1714	1717	rBV2	85030	94430	4.83%	0.424%
29	11.992	1717	1718	1722	rVB	40174	23660	1.21%	0.106%
30	12.151	1743	1745	1747	rBV	34071	29718	1.52%	0.133%
31	12.174	1747	1749	1753	rVB2	39230	36485	1.87%	0.164%
32	12.410	1786	1789	1792	rBV	51543	62692	3.21%	0.281%
33	12.445	1792	1795	1797	rVV3	40979	45760	2.34%	0.205%
34	12.492	1800	1803	1808	rVB2	34955	37493	1.92%	0.168%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120527.D
Acq On : 3 Jun 2020 23:22
Operator : JU/CG
Sample : L2839-07 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM7-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	12.551	1808	1813	1814	rBV2	138167	137377	7.03%	0.616%
36	12.569	1814	1816	1819	rVB	676786	534177	27.32%	2.396%
37	12.616	1819	1824	1825	rBV4	20828	27174	1.39%	0.122%
38	12.663	1829	1832	1835	rVB2	32534	41518	2.12%	0.186%
39	12.704	1835	1839	1840	rBV3	25098	30391	1.55%	0.136%
40	12.798	1849	1855	1858	rBV	582302	564207	28.86%	2.531%
41	12.939	1876	1879	1887	rVB	1337697	1257515	64.32%	5.641%
42	13.021	1888	1893	1896	rBV2	29747	49435	2.53%	0.222%
43	13.104	1904	1907	1908	rBV3	25415	26379	1.35%	0.118%
44	13.127	1908	1911	1914	rVV	115650	109370	5.59%	0.491%
45	13.174	1914	1919	1920	rVV3	60322	96298	4.93%	0.432%
46	13.192	1920	1922	1925	rVV	60780	57918	2.96%	0.260%
47	13.233	1926	1929	1931	rVV2	49821	60229	3.08%	0.270%
48	13.321	1942	1944	1947	rVB	49541	41334	2.11%	0.185%
49	13.357	1947	1950	1953	rVB	51075	51951	2.66%	0.233%
50	13.633	1995	1997	2002	rVB	98809	99442	5.09%	0.446%
51	13.774	2019	2021	2023	rBV	51313	45651	2.34%	0.205%
52	13.798	2023	2025	2029	rVV3	67450	96778	4.95%	0.434%
53	13.845	2030	2033	2043	rVB2	224925	341381	17.46%	1.531%
54	13.998	2054	2059	2062	rBV2	1307217	1427075	72.99%	6.401%
55	14.021	2062	2063	2069	rVB	278861	192858	9.86%	0.865%
56	14.163	2084	2087	2089	rBV	104073	111172	5.69%	0.499%
57	14.468	2136	2139	2141	rBV	163732	198059	10.13%	0.888%
58	14.915	2213	2215	2218	rVB2	153950	129876	6.64%	0.583%
59	15.033	2231	2235	2242	rVB	247064	465071	23.79%	2.086%
60	15.104	2245	2247	2250	rBV	165015	166352	8.51%	0.746%
61	15.139	2251	2253	2259	rBV2	166651	239620	12.26%	1.075%
62	15.392	2293	2296	2300	rVB	188327	195365	9.99%	0.876%
63	15.457	2303	2307	2310	rBV	680002	812547	41.56%	3.645%
64	15.915	2382	2385	2391	rVB	228610	319129	16.32%	1.431%

Sum of corrected areas: 22294345

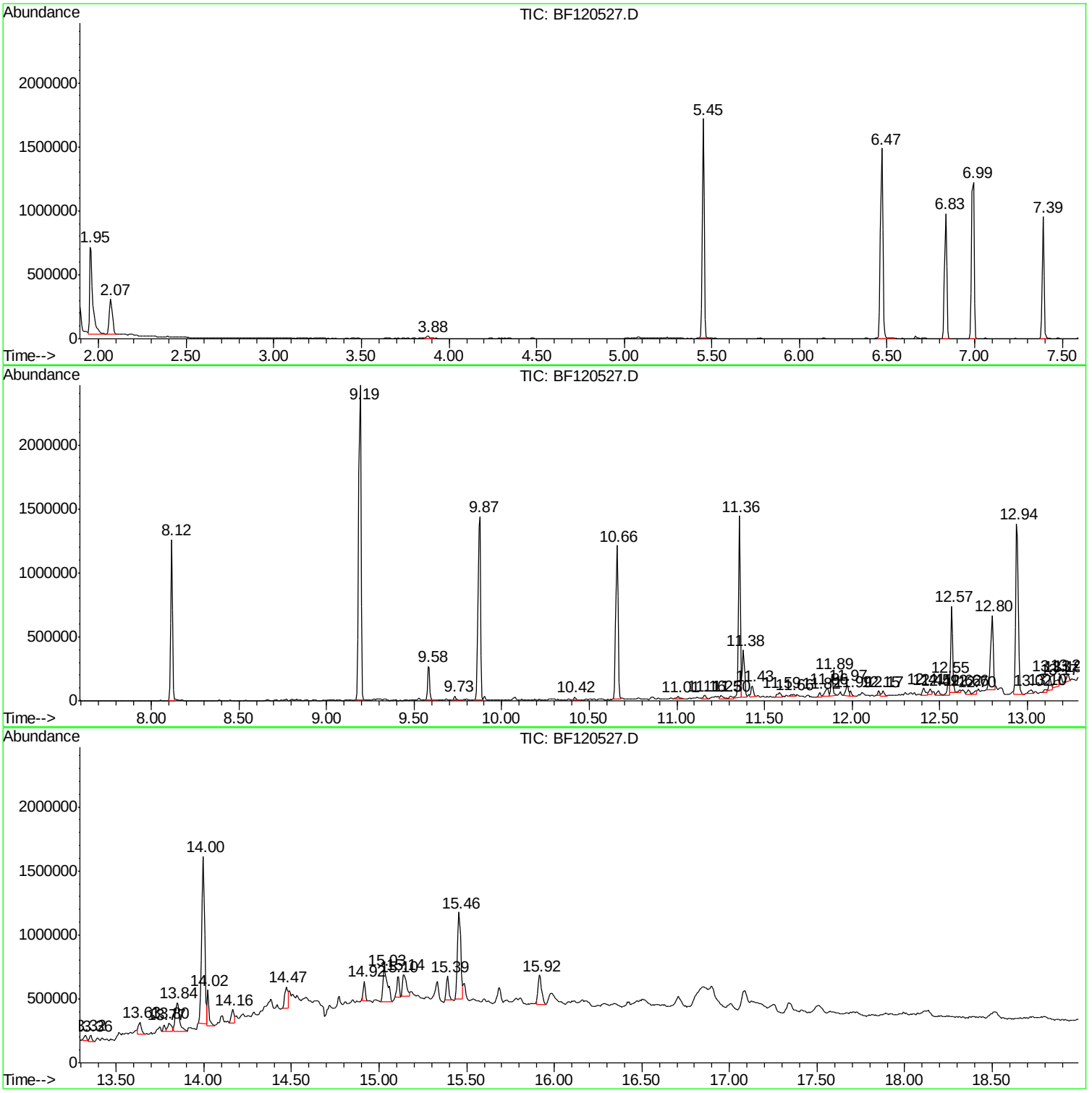
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120527.D
Acq On : 3 Jun 2020 23:22
Operator : JU/CG
Sample : L2839-07 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM7-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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120527.D
Acq On : 3 Jun 2020 23:22
Operator : JU/CG
Sample : L2839-07 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM7-COMP-2020-0-6

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

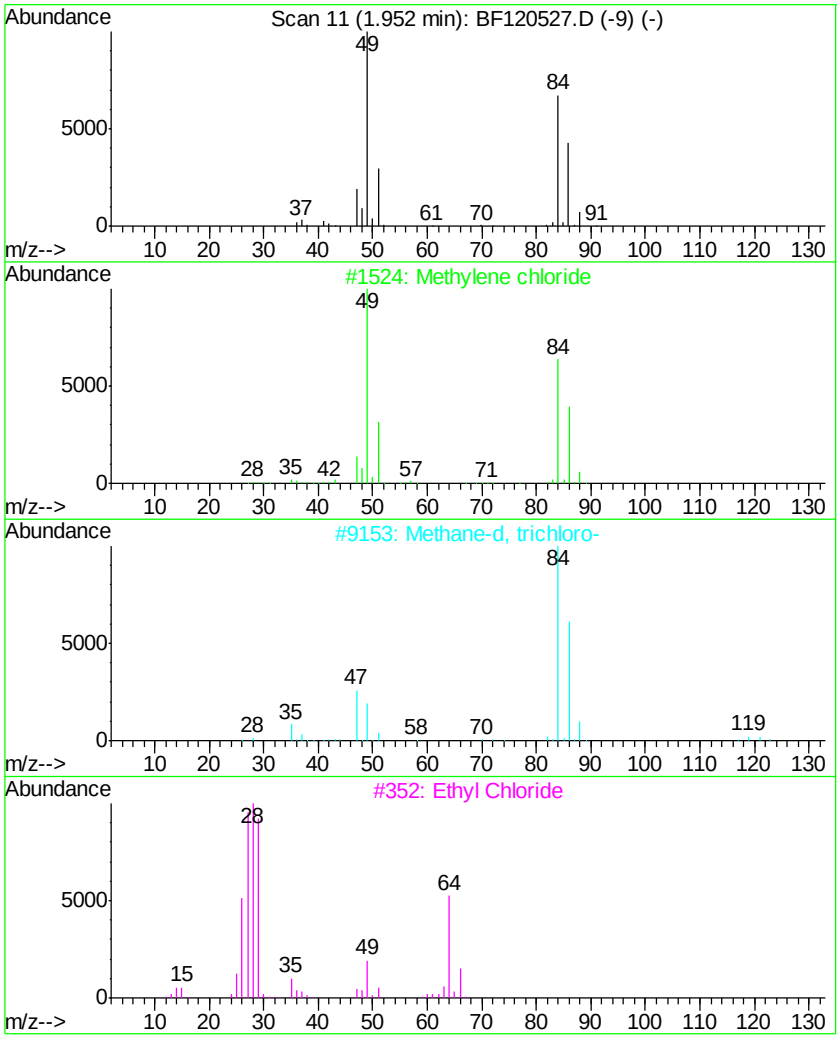
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

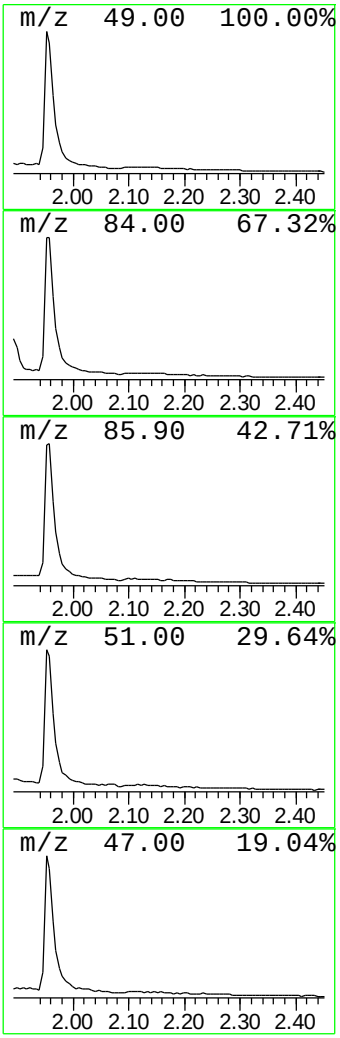
****

Peak Number 1 Methylene chloride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.95	22.18 ng	842584	1,4-Dichlorobenzene-d4	6.83

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	Propanenitrile, 3-chloro-	89	C3H4ClN	000542-76-7	2
5	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	2





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120527.D
Acq On : 3 Jun 2020 23:22
Operator : JU/CG
Sample : L2839-07 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM7-COMP-2020-0-6

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

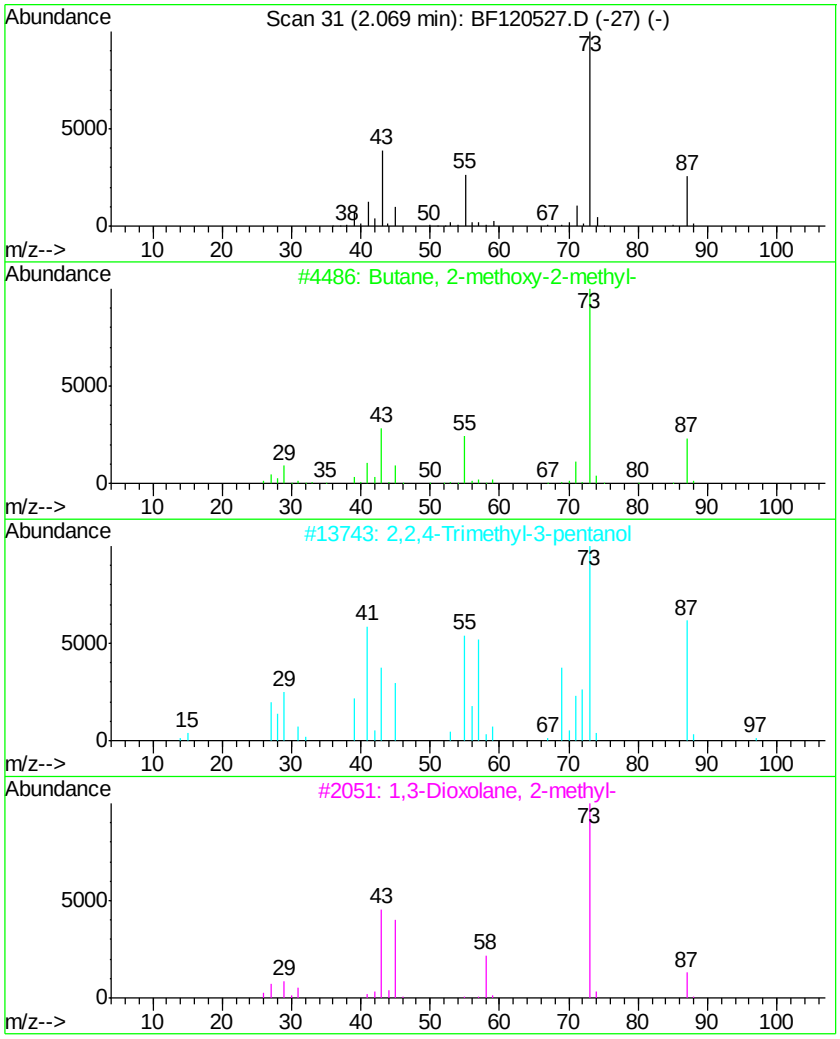
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

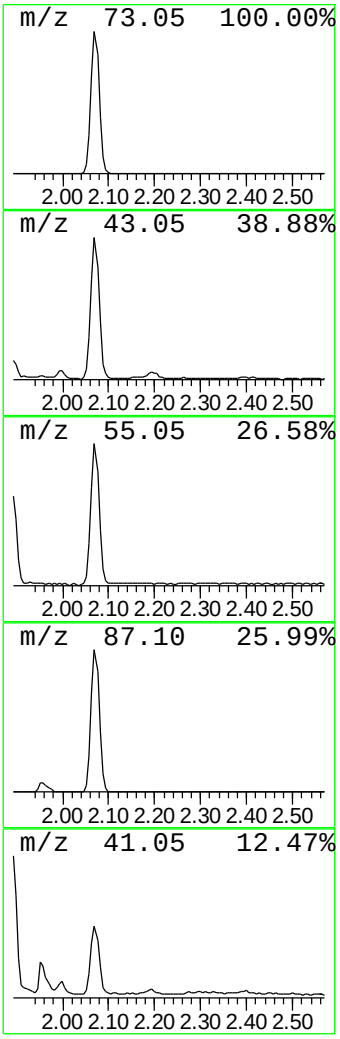
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.07	8.51 ng	323398	1,4-Dichlorobenzene-d4	6.83

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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
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\BF060320\
Data File : BF120527.D
Acq On : 3 Jun 2020 23:22
Operator : JU/CG
Sample : L2839-07 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM7-COMP-2020-0-6

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

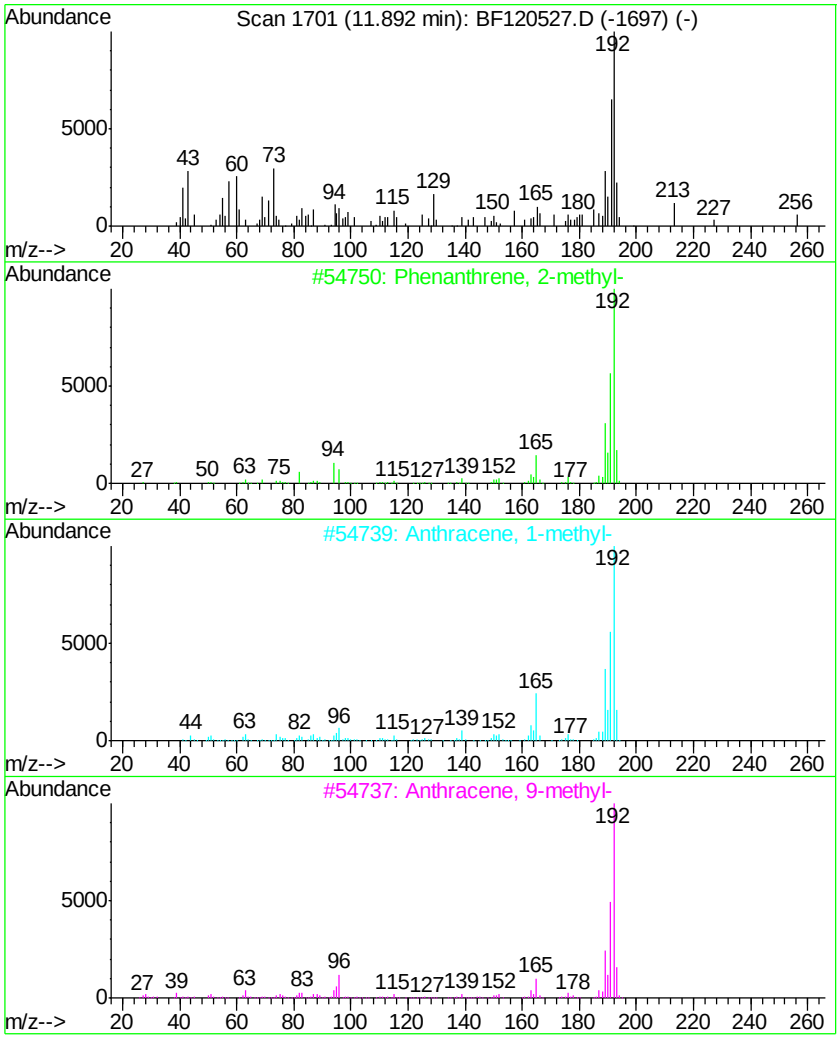
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

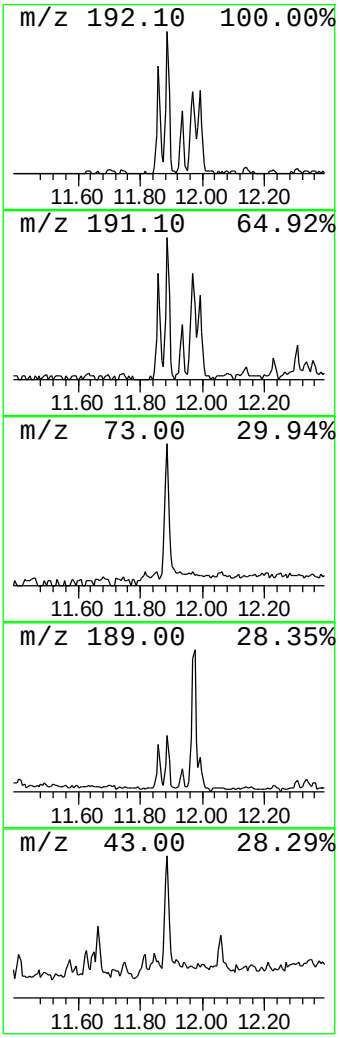
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.45 ng	143199	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, 1-methyl-	192	C15H12	000610-48-0	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120527.D
Acq On : 3 Jun 2020 23:22
Operator : JU/CG
Sample : L2839-07 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM7-COMP-2020-0-6

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

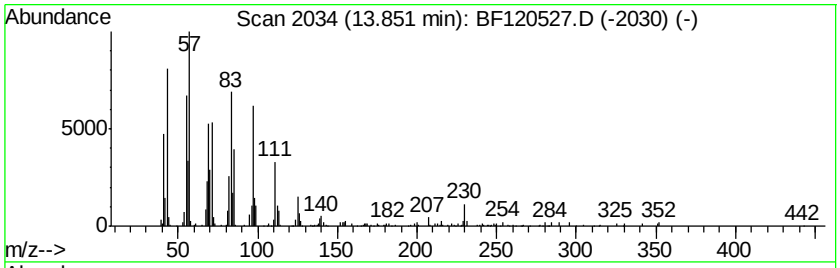
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

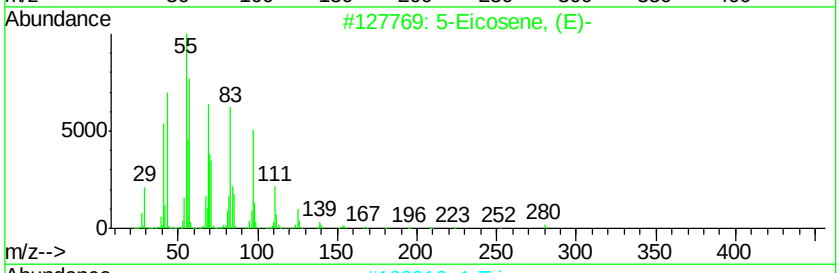
****

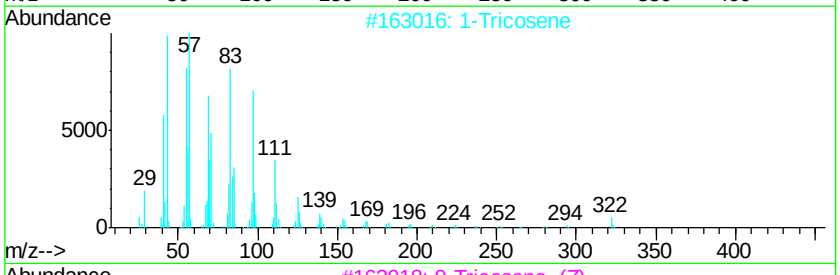
Peak Number 5 5-Eicosene, (E)- Concentration Rank 6

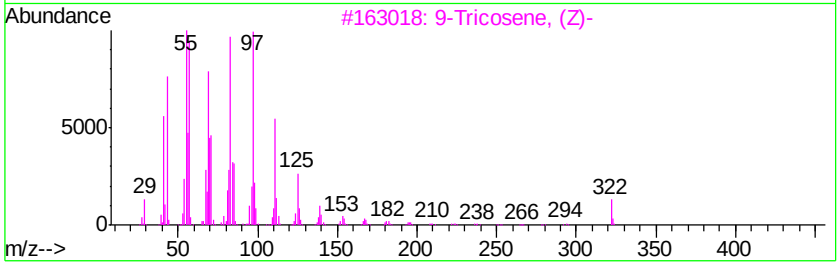
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	4.78 ng	341381	Chrysene-d12	14.00

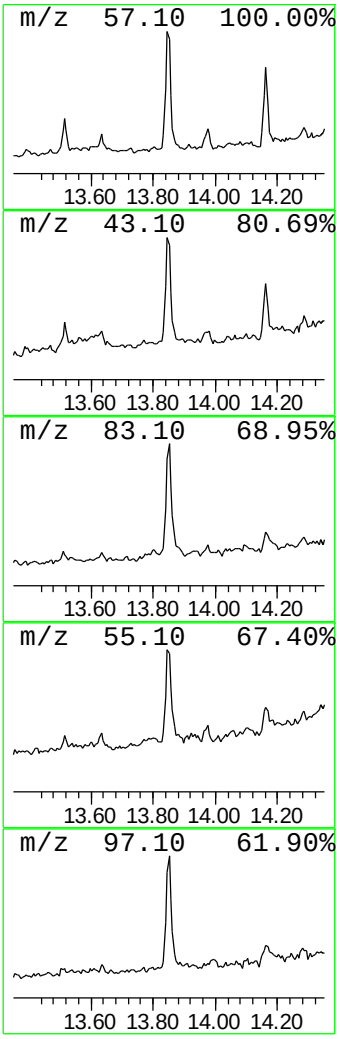
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2	1-Tricosene	322	C23H46	018835-32-0	95
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	87
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	87
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	76











Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120527.D
Acq On : 3 Jun 2020 23:22
Operator : JU/CG
Sample : L2839-07 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM7-COMP-2020-0-6

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

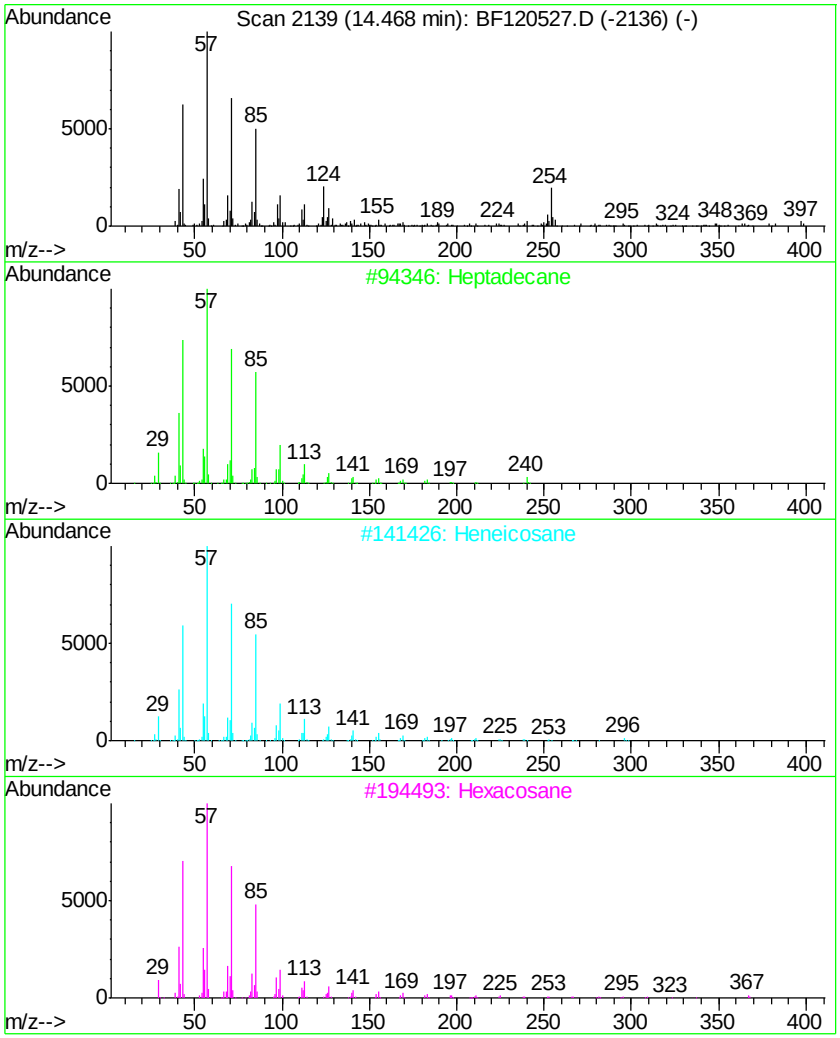
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

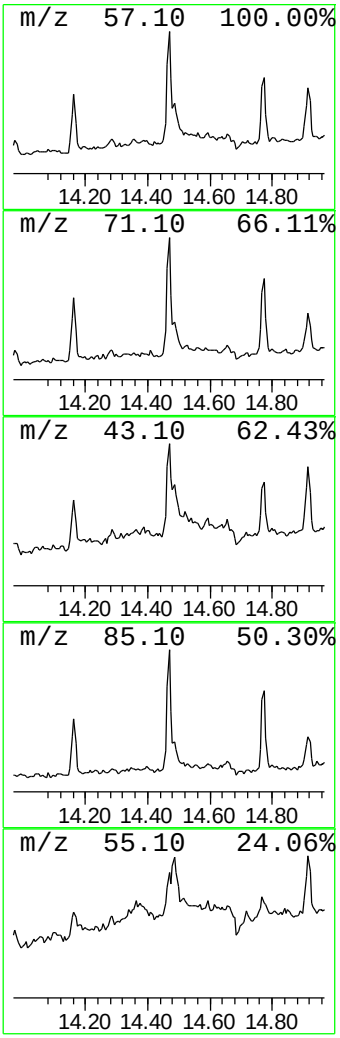
****

Peak Number 6 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	2.78 ng	198059	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	83
2	Heneicosane	296	C21H44	000629-94-7	64
3	Hexacosane	366	C26H54	000630-01-3	58
4	Docosane	310	C22H46	000629-97-0	58
5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120527.D
Acq On : 3 Jun 2020 23:22
Operator : JU/CG
Sample : L2839-07 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM7-COMP-2020-0-6

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

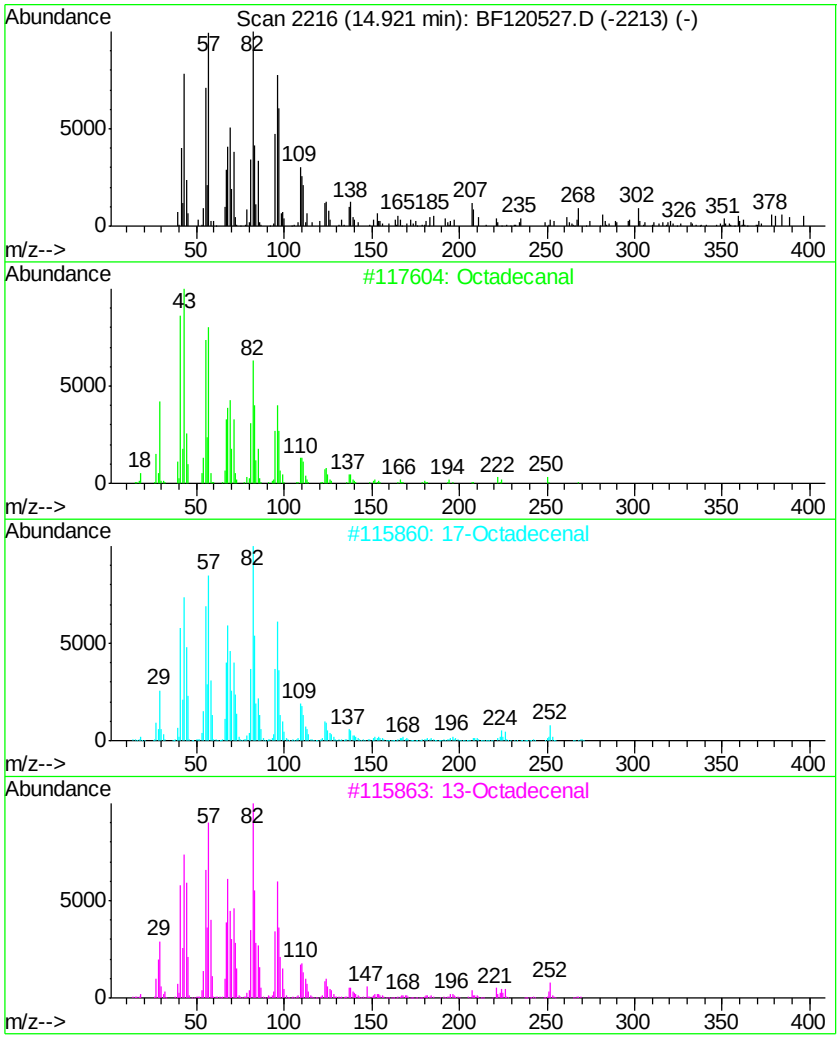
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

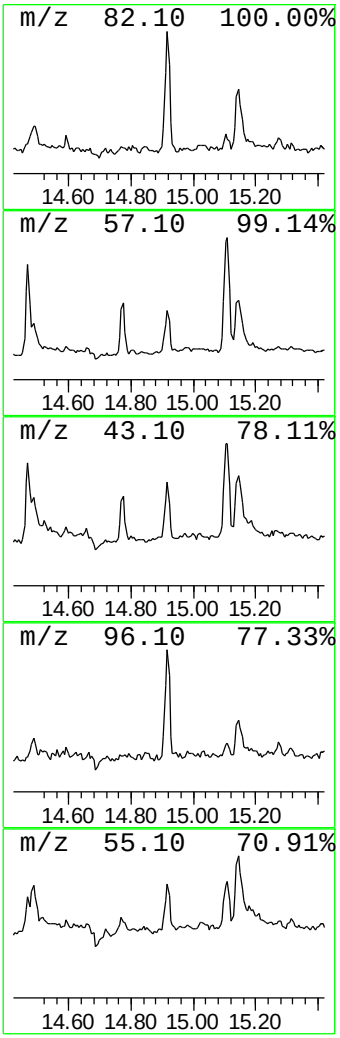
****

Peak Number 7 Octadecanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	3.20 ng	129876	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	98
2	17-Octadecenal	266	C18H34O	056554-86-0	93
3	13-Octadecenal	266	C18H34O	056554-90-6	93
4	14-Octadecenal	266	C18H34O	056554-89-3	91
5	16-Octadecenal	266	C18H34O	056554-87-1	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120527.D
Acq On : 3 Jun 2020 23:22
Operator : JU/CG
Sample : L2839-07 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM7-COMP-2020-0-6

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

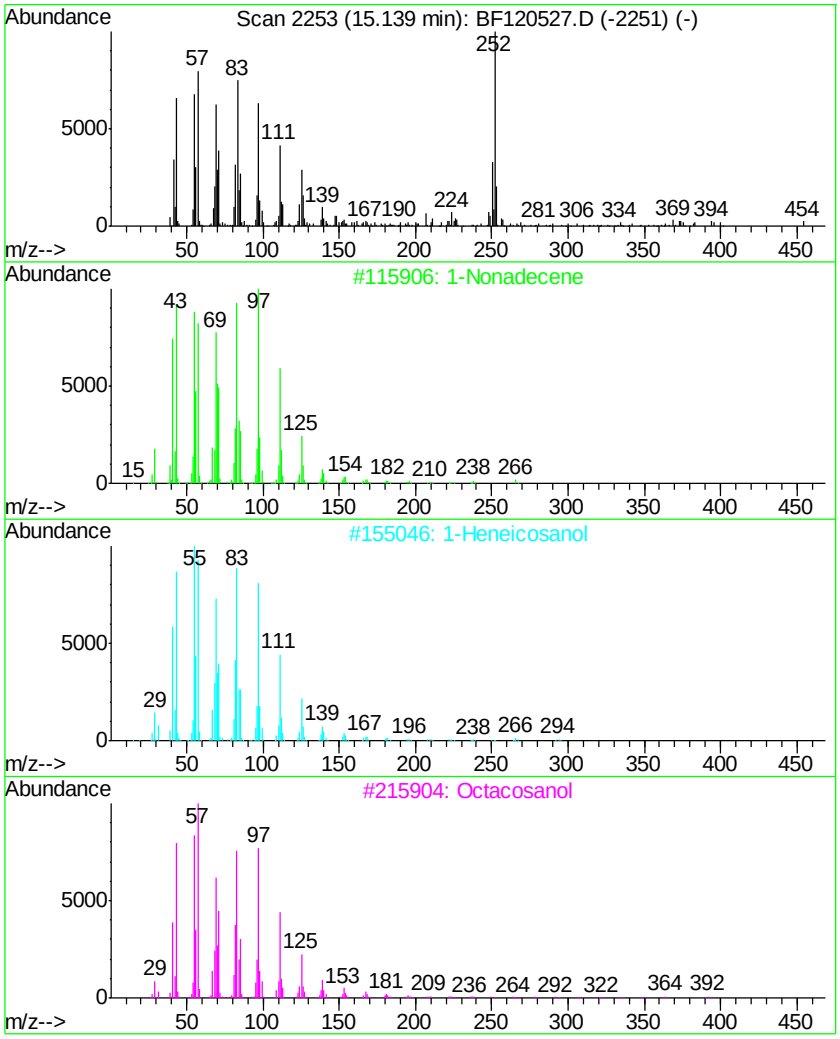
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

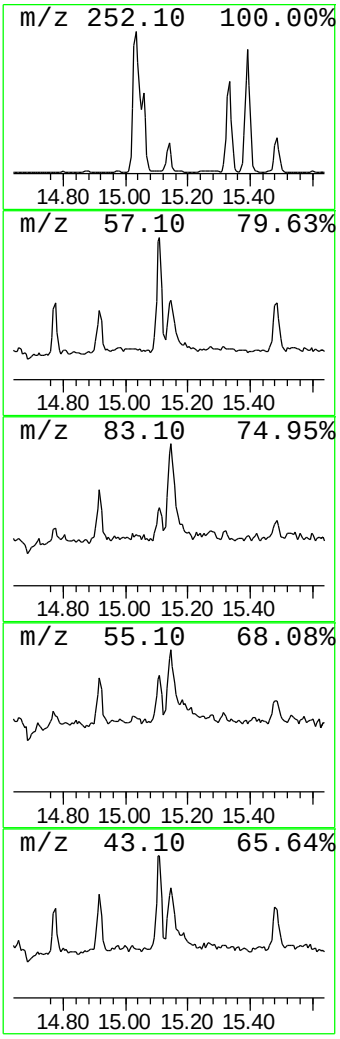
****

Peak Number 8 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	5.90 ng	239620	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	1-Heneicosanol	312	C21H44O	015594-90-8	90
3	Octacosanol	410	C28H58O	000557-61-9	90
4	1-Hexacosene	364	C26H52	018835-33-1	86
5	E-7-Octadecene	252	C18H36	1000130-92-0	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120527.D
Acq On : 3 Jun 2020 23:22
Operator : JU/CG
Sample : L2839-07 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM7-COMP-2020-0-6

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

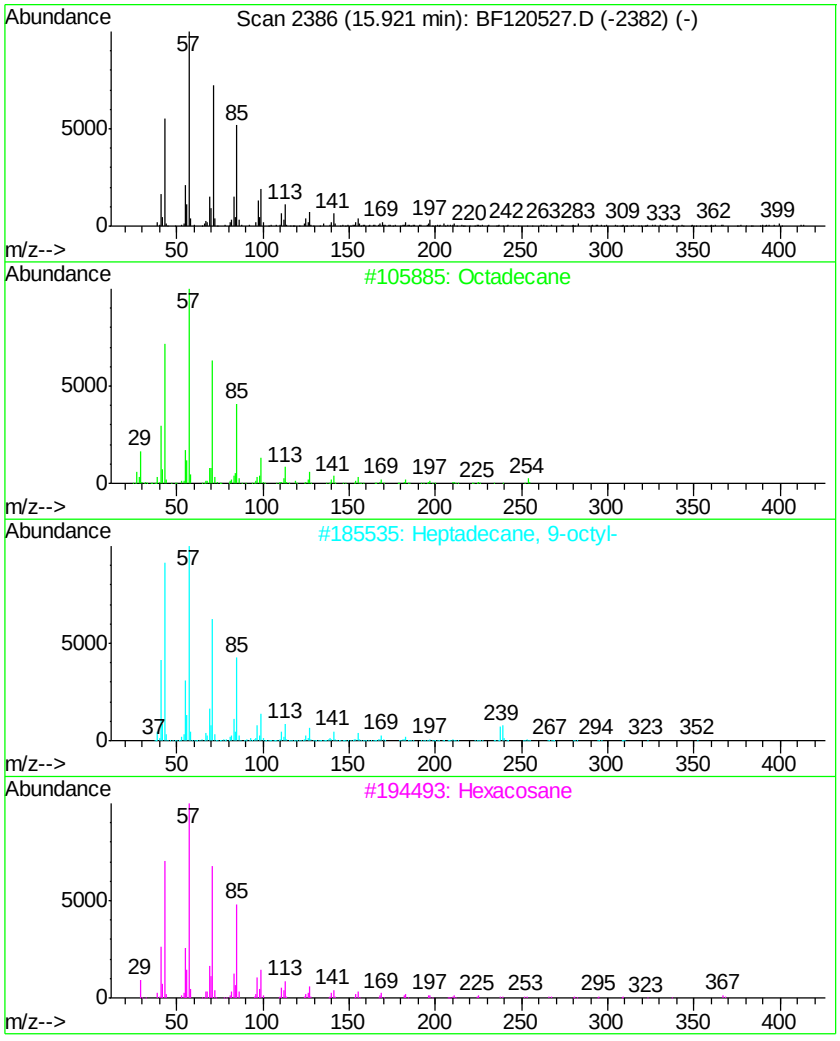
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

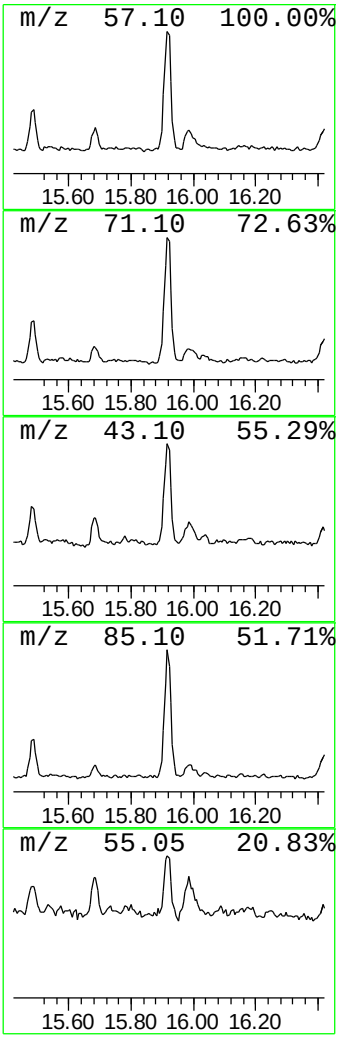
****

Peak Number 9 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	7.86 ng	319129	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heneicosane	296	C21H44	000629-94-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060320\
Data File : BF120527.D
Acq On : 3 Jun 2020 23:22
Operator : JU/CG
Sample : L2839-07 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM7-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
Methylene chloride	1.95	22.2	ng	842584	1	6.83	759745	20.0
Butane, 2-methoxy...	2.07	8.5	ng	323398	1	6.83	759745	20.0
Phenanthrene, 2-m...	11.89	2.5	ng	143199	4	11.36	1166870	20.0
5-Eicosene, (E)-	13.85	4.8	ng	341381	5	14.00	1427080	20.0
Heptadecane	14.47	2.8	ng	198059	5	14.00	1427080	20.0
Octadecanal	14.92	3.2	ng	129876	6	15.46	812547	20.0
1-Nonadecene	15.14	5.9	ng	239620	6	15.46	812547	20.0
Octadecane	15.92	7.9	ng	319129	6	15.46	812547	20.0