LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120454.D
Acq On : 29 May 2020 22:07
Operator : MA/SJ
Sample : L2773-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM89-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	1.928	3	7	10	rVB	571974	672201	10.53%	1.015%
2	1.957	10	12	22	rVB	844474	976165	15.30%	1.474%
3	2.105	32	37	48	rVB	1521650	1937172	30.36%	2.925%
4	5.457	601	607	610	rBV	4961259	5251473	82.30%	7.929%
5	6.469	773	779	782	rBV	4855338	5442842	85.30%	8.218%
6	6.840	838	842	845	rBV	2022693	1645918	25.80%	2.485%
7	6.998	864	869	872	rVB	5095061	4797471	75.19%	7.244%
8	7.398	932	937	940	rBV	3552264	3813712	59.77%	5.759%
9	8.116	1055	1059	1063	rBV	2245658	2056277	32.23%	3.105%
10	9.198	1237	1243	1246	rBV	6752167	6380729	100.00%	9.635%
11	9.586	1305	1309	1313	rBV	1195589	943271	14.78%	1.424%
12	9.875	1351	1358	1361	rBV	2499117	2322036	36.39%	3.506%
13	10.657	1486	1491	1495	rBV	3390530	3384473	53.04%	5.110%
14	10.733	1502	1504	1507	rBV	77519	80013	1.25%	0.121%
15	10.863	1521	1526	1531	rBV4	56867	82882	1.30%	0.125%
16	11.004	1547	1550	1556	rVB3	126616	136038	2.13%	0.205%
17	11.304	1598	1601	1605	rBV2	101944	96026	1.50%	0.145%
18	11.357	1605	1610	1612	rVV	2165494	1823579	28.58%	2.754%
19	11.380	1612	1614	1617	rVB	255681	197878	3.10%	0.299%
20	11.575	1644	1647	1651	rBV2	105671	97235	1.52%	0.147%
21	11.669	1658	1663	1669	rVB4	49692	73320	1.15%	0.111%
22	11.816	1683	1688	1690	rBV2	82630	91750	1.44%	0.139%
23	11.851	1690	1694	1697	rVV2	211445	220551	3.46%	0.333%
24	11.892	1697	1701	1706	rVV2	529013	550399	8.63%	0.831%
25	12.151	1740	1745	1747	rBV2	40811	64293	1.01%	0.097%
26	12.404	1785	1788	1792	rBV2	57906	79781	1.25%	0.120%
27	12.480	1799	1801	1804	rBV2	132609	118053	1.85%	0.178%
28	12.551	1809	1813	1819	rBV2	1162669	1368686	21.45%	2.067%
29	12.610	1819	1823	1830	rVB8	43045	80641	1.26%	0.122%
30	12.792	1849	1854	1857	rBV	438805	447470	7.01%	0.676%
31	12.945	1876	1880	1883	rBV	5147982	4832977	75.74%	7.298%
32	13.157	1913	1916	1918	rBV	128086	142532	2.23%	0.215%
33	13.180	1918	1920	1924	rVB2	79232	93734	1.47%	0.142%
34	13.227	1924	1928	1931	rBV2	59040	78442	1.23%	0.118%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120454.D
Acq On : 29 May 2020 22:07
Operator : MA/SJ
Sample : L2773-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM89-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	13.351	1946	1949	1953	rVB2	68316	65317	1.02%	0.099%
36	13.392	1953	1956	1959	rBV	93776	82835	1.30%	0.125%
37	13.433	1959	1963	1968	rVB7	70604	97535	1.53%	0.147%
38	13.516	1972	1977	1980	rBV5	73276	150252	2.35%	0.227%
39	13.633	1994	1997	2001	rVB2	78552	88423	1.39%	0.134%
40	13.745	2011	2016	2018	rBV2	49630	82401	1.29%	0.124%
41	13.839	2028	2032	2039	rVB3	906556	1053326	16.51%	1.590%
42	13.963	2050	2053	2054	rBV2	144900	123815	1.94%	0.187%
43	13.992	2054	2058	2061	rVV	1767419	1865725	29.24%	2.817%
44	14.016	2061	2062	2068	rVB	257827	198861	3.12%	0.300%
45	14.163	2084	2087	2089	rBV	116892	135482	2.12%	0.205%
46	14.286	2105	2108	2110	rBV	84066	76116	1.19%	0.115%
47	14.474	2136	2140	2144	rBV	626364	662221	10.38%	1.000%
48	14.751	2185	2187	2189	rBV2	77917	86377	1.35%	0.130%
49	14.851	2201	2204	2210	rVB2	108620	118846	1.86%	0.179%
50	14.915	2212	2215	2221	rVB	290412	309784	4.85%	0.468%
51	15.021	2229	2233	2236	rBV	250273	362498	5.68%	0.547%
52	15.110	2244	2248	2250	rBV	653582	762873	11.96%	1.152%
53	15.133	2250	2252	2258	rVB2	700537	763413	11.96%	1.153%
54	15.321	2281	2284	2289	rVB	153350	173799	2.72%	0.262%
55	15.380	2291	2294	2300	rVB	193958	212888	3.34%	0.321%
56	15.445	2300	2305	2309	rBV	1217125	1483227	23.25%	2.240%
57	15.486	2309	2312	2316	rVB3	146381	193236	3.03%	0.292%
58	15.686	2342	2346	2350	rVB	335363	419878	6.58%	0.634%
59	15.921	2380	2386	2391	rBV	1541824	2359897	36.98%	3.563%
60	15.968	2391	2394	2402	rVB	724587	1145752	17.96%	1.730%
61	16.321	2450	2454	2464	rVB4	167280	296417	4.65%	0.448%
62	16.704	2515	2519	2526	rVB3	184775	326789	5.12%	0.493%
63	16.880	2545	2549	2552	rBV2	93327	169901	2.66%	0.257%
64	17.009	2566	2571	2576	rBV	137559	257925	4.04%	0.389%
65	17.086	2576	2584	2594	rVV6	301057	987076	15.47%	1.490%
66	17.480	2644	2651	2661	rBV3	301682	734541	11.51%	1.109%

Sum of corrected areas: 66227446

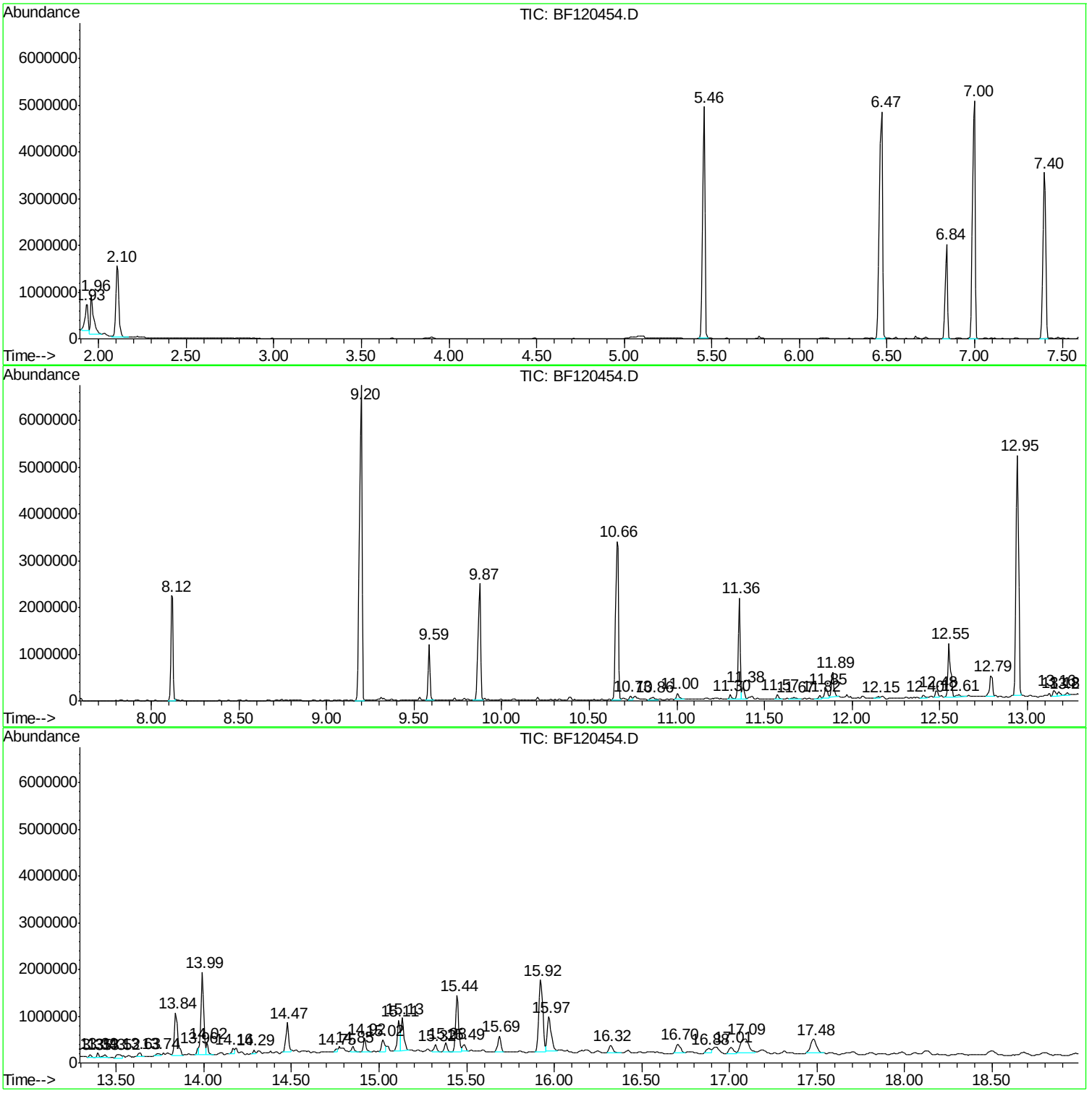
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120454.D
Acq On : 29 May 2020 22:07
Operator : MA/SJ
Sample : L2773-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM89-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\BF052920\
Data File : BF120454.D
Acq On : 29 May 2020 22:07
Operator : MA/SJ
Sample : L2773-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM89-COMP-2020-0-6

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

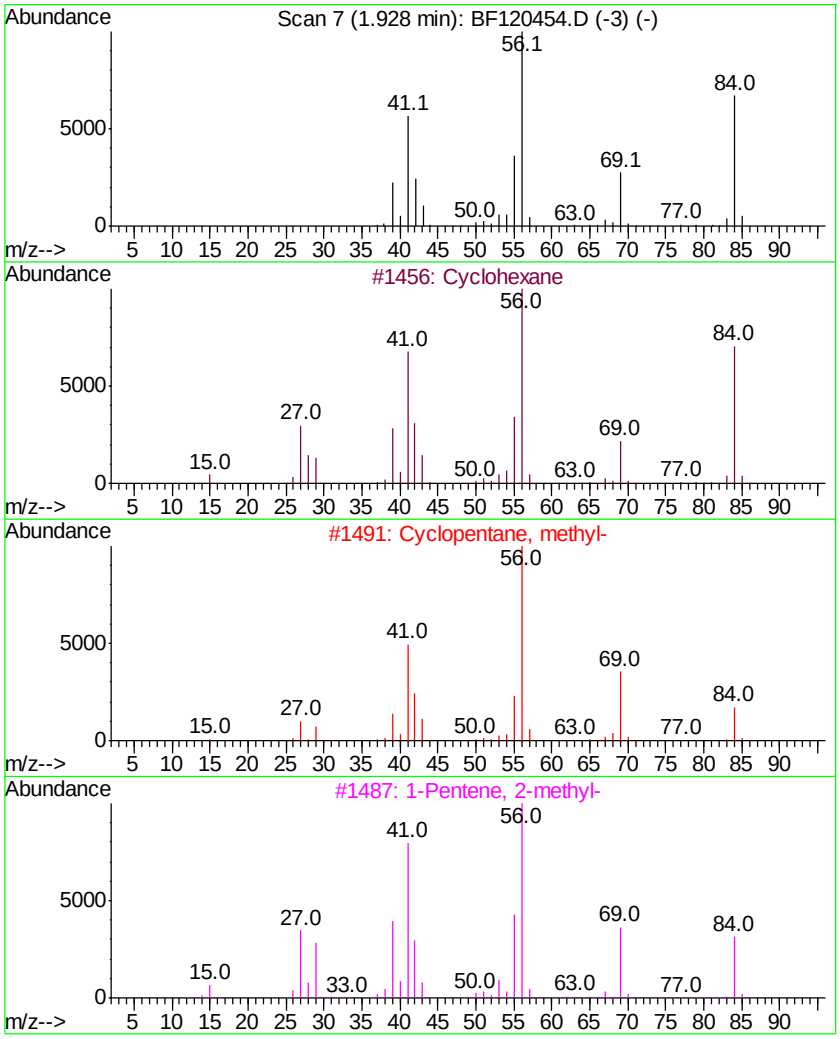
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

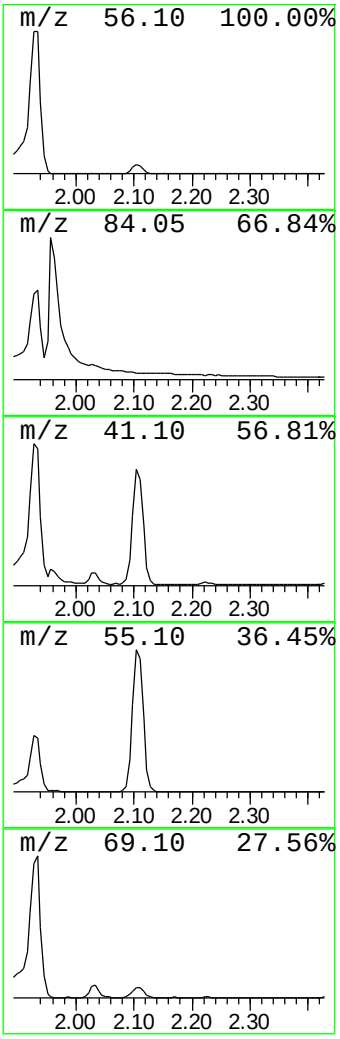
****

Peak Number 1 Cyclohexane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.93	8.17 ng	672201	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
4	Cyclobutane	56	C4H8	000287-23-0	46
5	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120454.D
Acq On : 29 May 2020 22:07
Operator : MA/SJ
Sample : L2773-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM89-COMP-2020-0-6

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

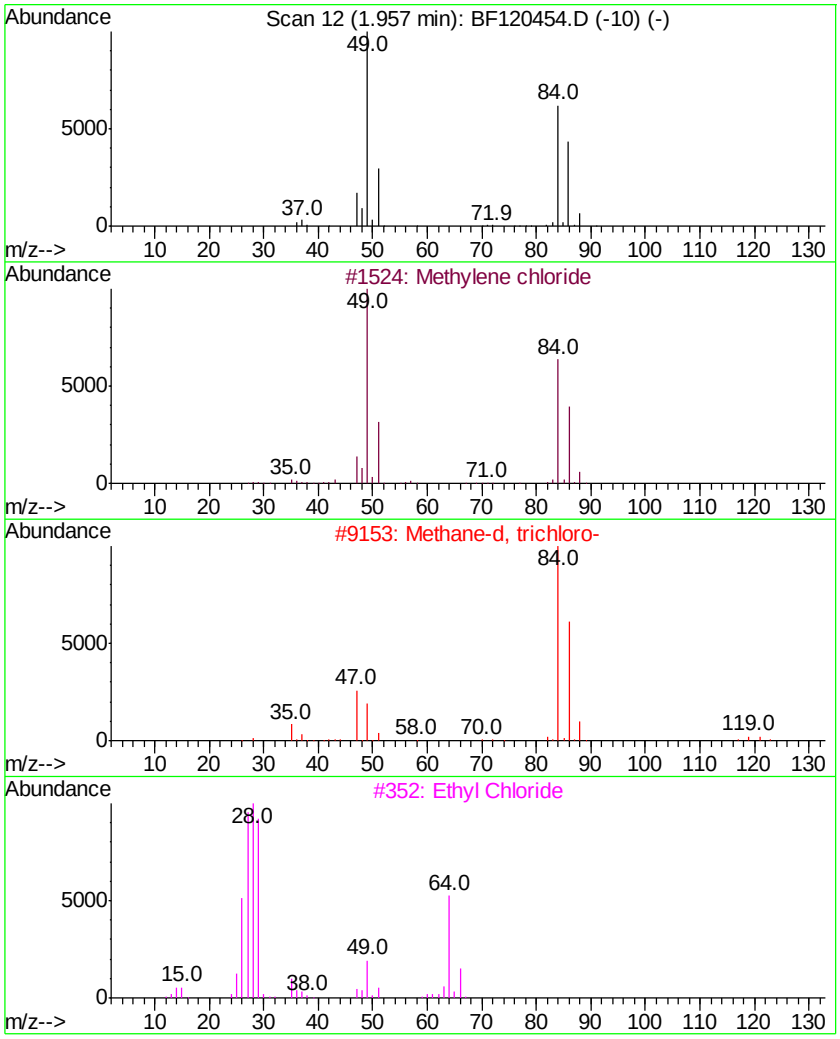
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

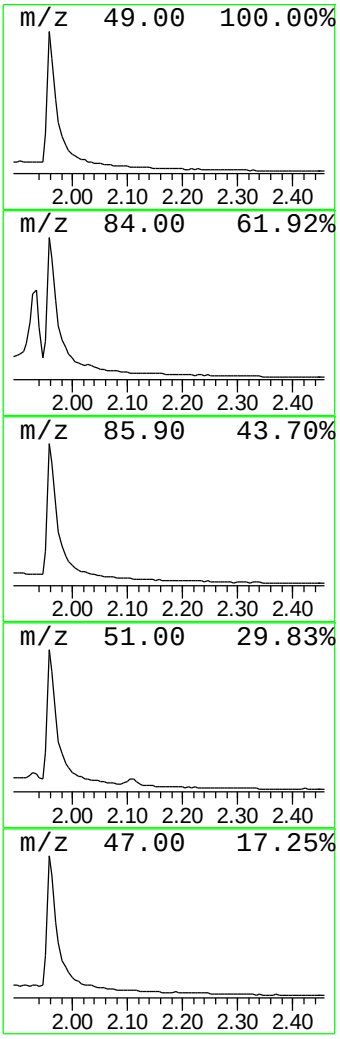
****

Peak Number 2 Methylene chloride Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	11.86 ng	976165	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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120454.D
Acq On : 29 May 2020 22:07
Operator : MA/SJ
Sample : L2773-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM89-COMP-2020-0-6

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

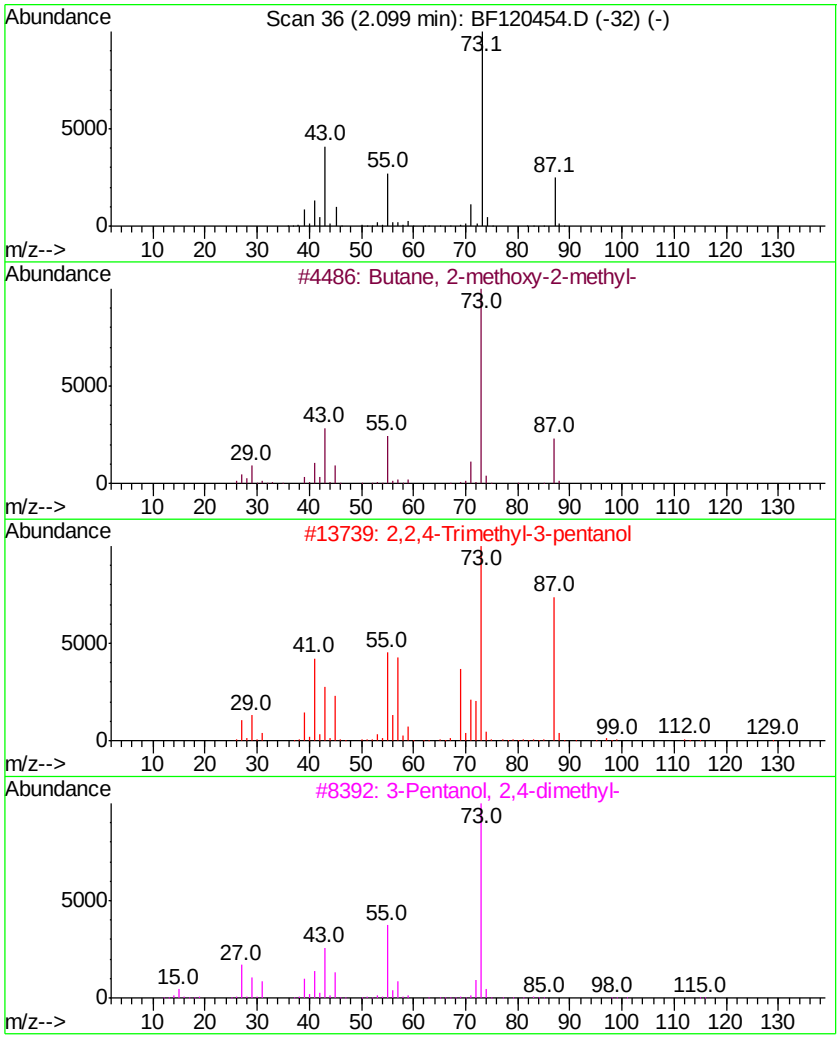
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

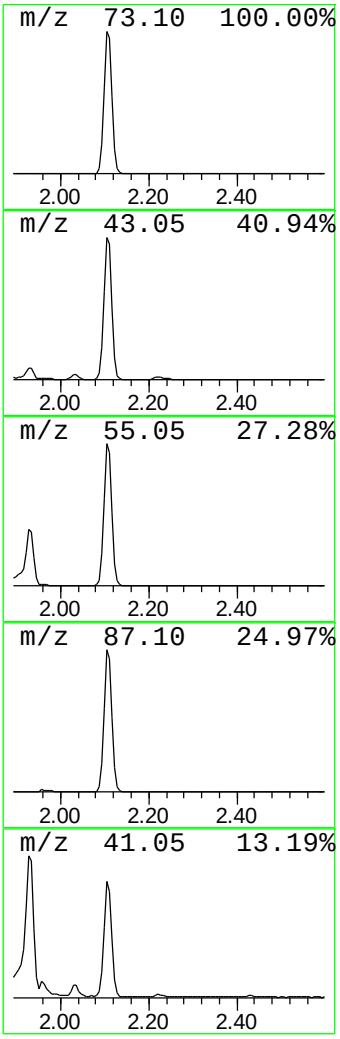
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.10	23.54 ng	1937170	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	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120454.D
Acq On : 29 May 2020 22:07
Operator : MA/SJ
Sample : L2773-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM89-COMP-2020-0-6

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

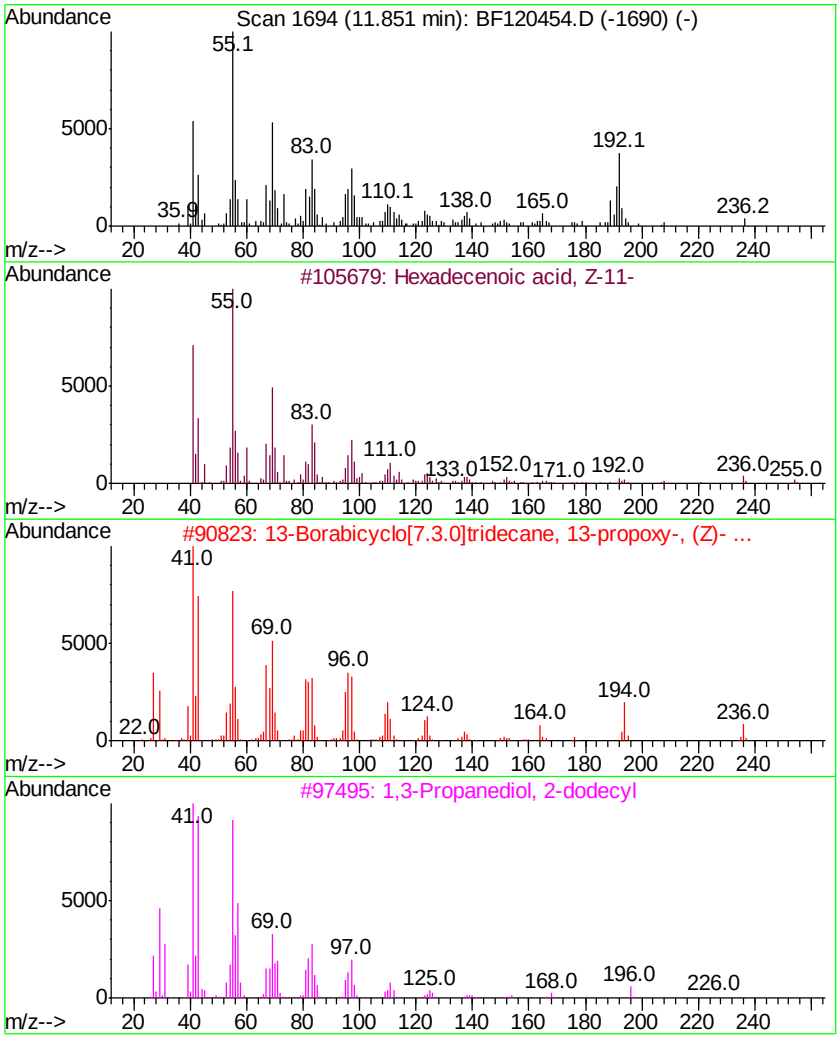
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

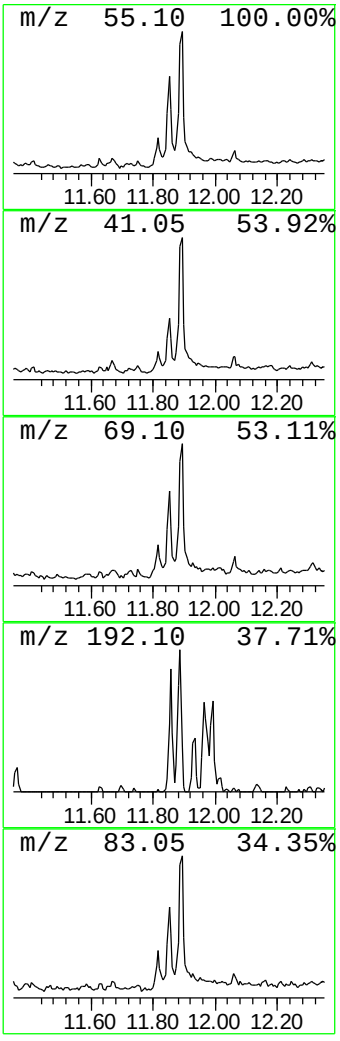
****

Peak Number 5 unknown11.85 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	2.42 ng	220551	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	49
2	13-Borabicyclo[7.3.0]tridecane, ...	236	C15H29BO	1000156-41-7	45
3	1,3-Propanediol, 2-dodecyl	244	C15H32O2	010395-09-2	35
4	Palmitoleic acid	254	C16H30O2	000373-49-9	35
5	Myristoleic acid	226	C14H26O2	000544-64-9	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120454.D
Acq On : 29 May 2020 22:07
Operator : MA/SJ
Sample : L2773-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM89-COMP-2020-0-6

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

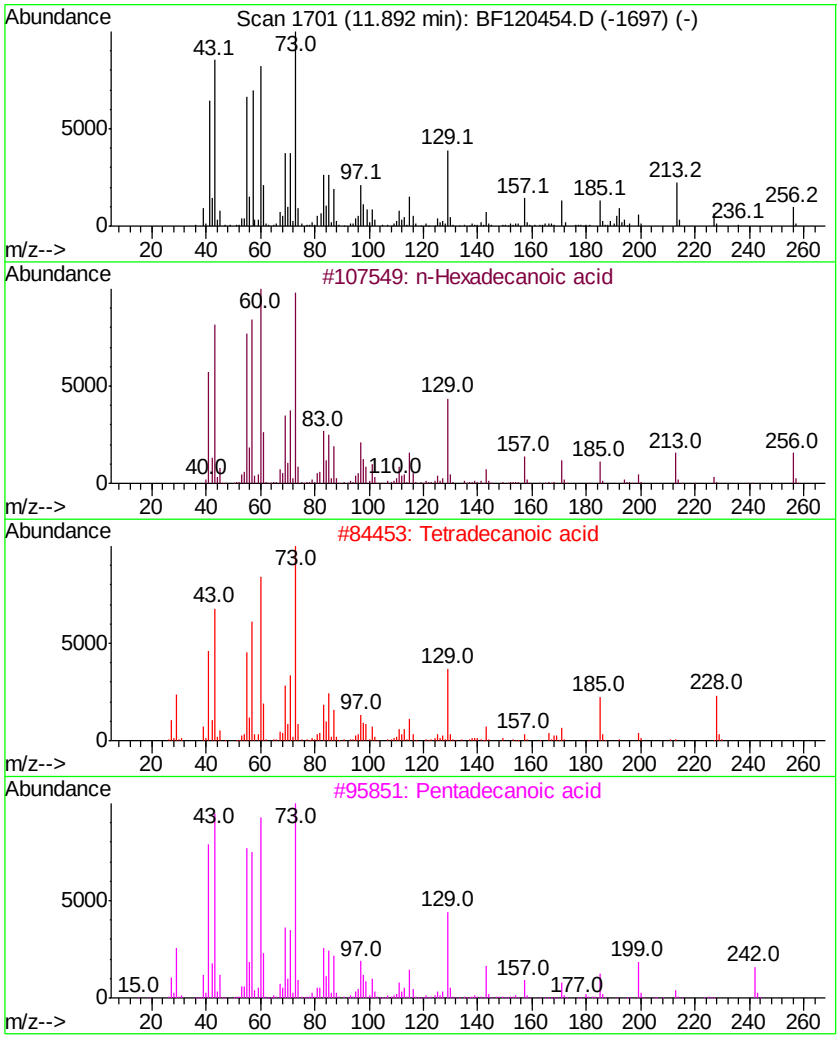
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

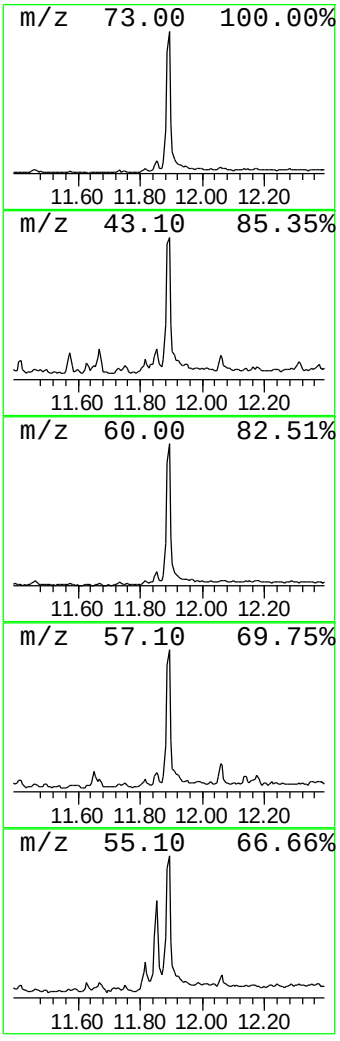
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	6.04 ng	550399	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120454.D
Acq On : 29 May 2020 22:07
Operator : MA/SJ
Sample : L2773-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM89-COMP-2020-0-6

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

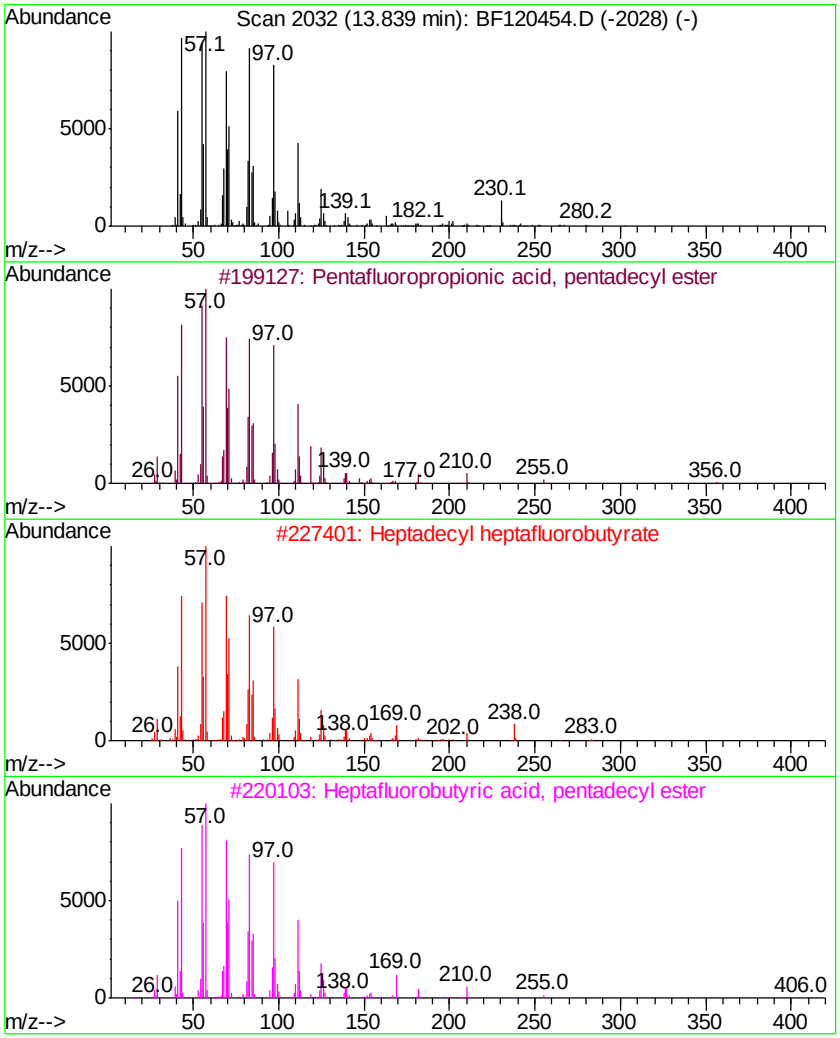
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

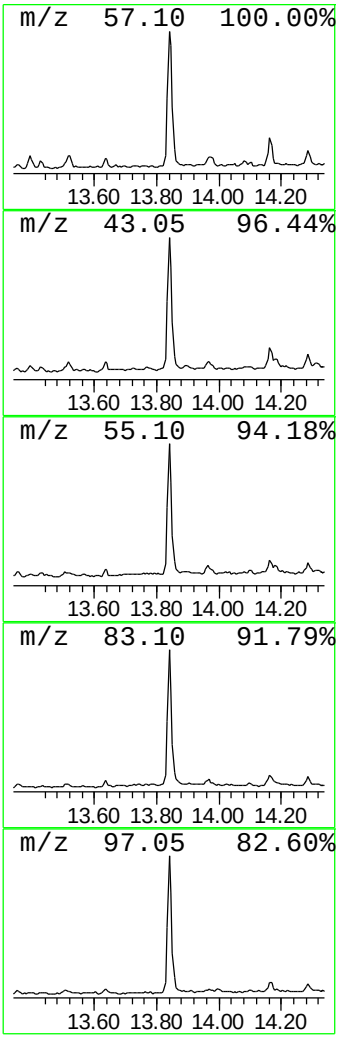
****

Peak Number 7 Pentafluoropropionic acid, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	11.29 ng	1053330	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120454.D
Acq On : 29 May 2020 22:07
Operator : MA/SJ
Sample : L2773-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM89-COMP-2020-0-6

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

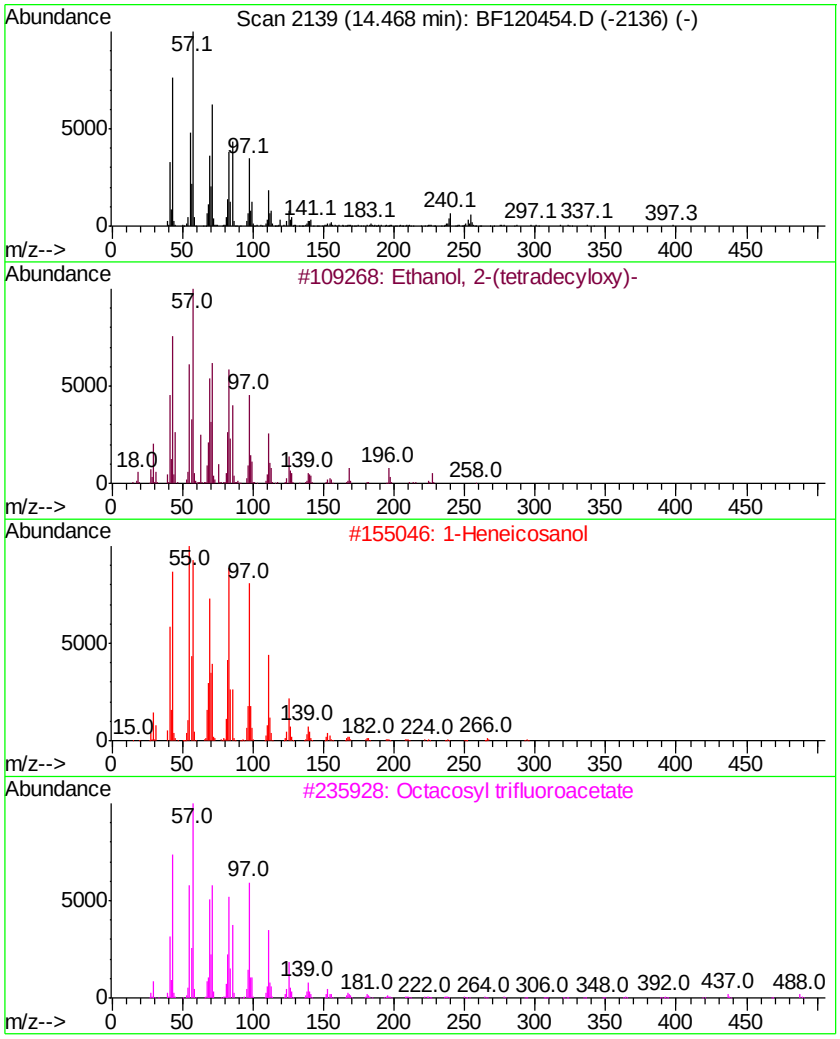
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

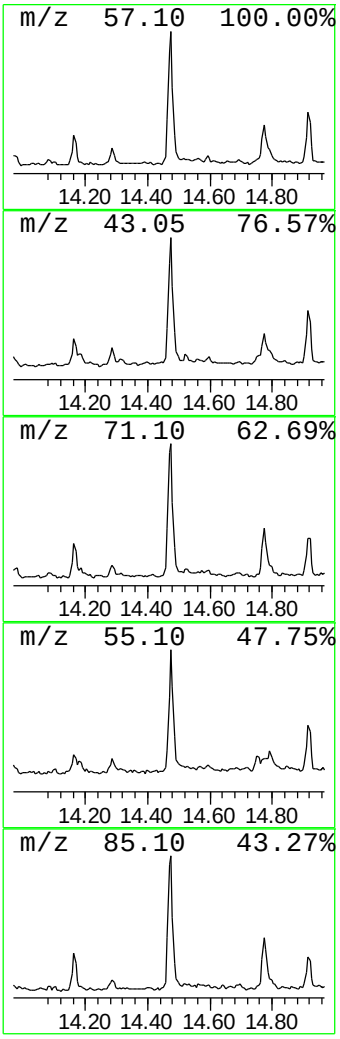
****

Peak Number 8 Ethanol, 2-(tetradecyloxy)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	7.10 ng	662221	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	92
3	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	90
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120454.D
Acq On : 29 May 2020 22:07
Operator : MA/SJ
Sample : L2773-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM89-COMP-2020-0-6

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

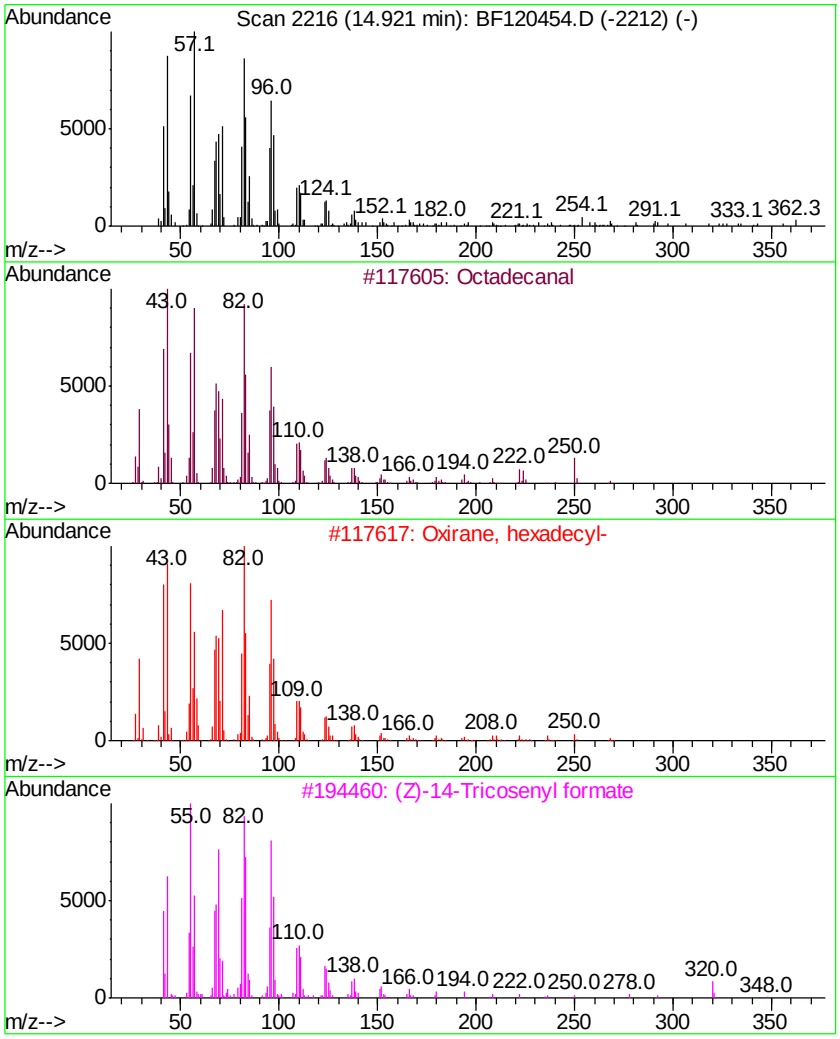
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

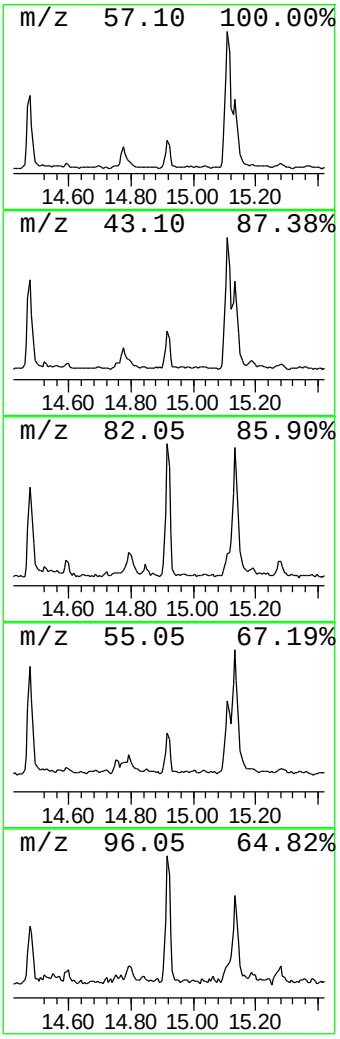
****

Peak Number 9 Octadecanal Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	4.18 ng	309784	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	91
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	90
4	17-Octadecenal	266	C18H34O	056554-86-0	86
5	9-Octadecen-1-ol, (E)-	268	C18H36O	000506-42-3	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120454.D
Acq On : 29 May 2020 22:07
Operator : MA/SJ
Sample : L2773-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM89-COMP-2020-0-6

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

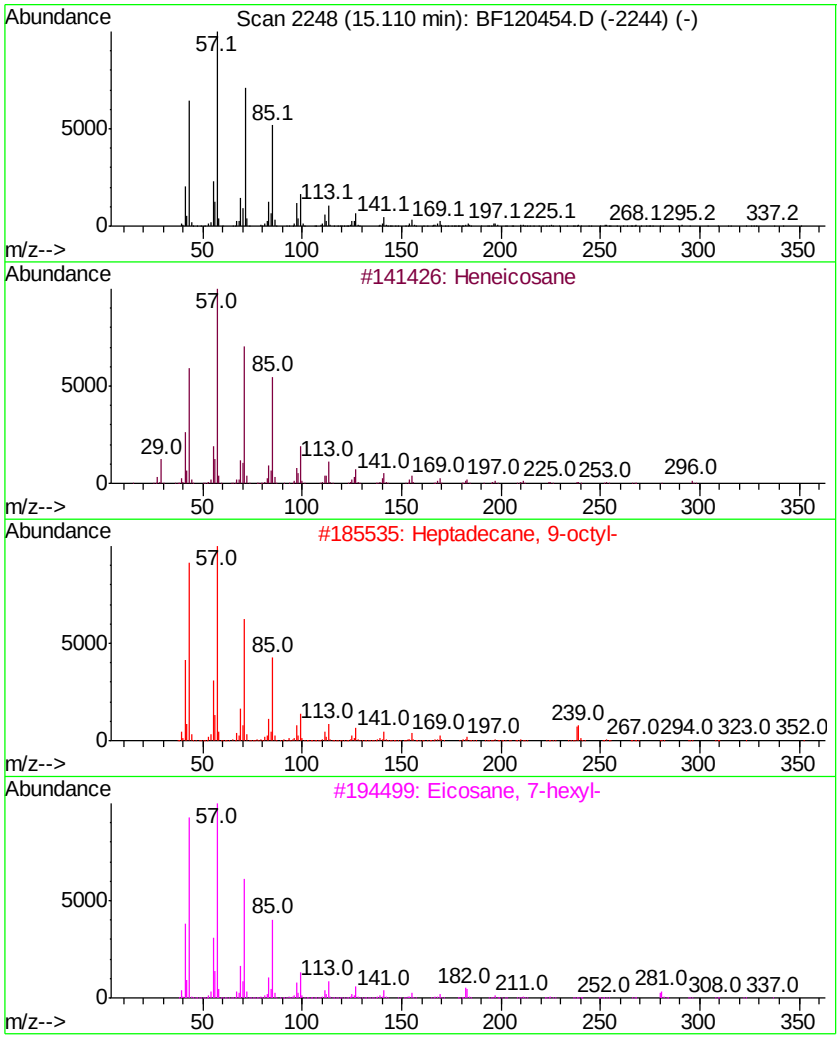
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

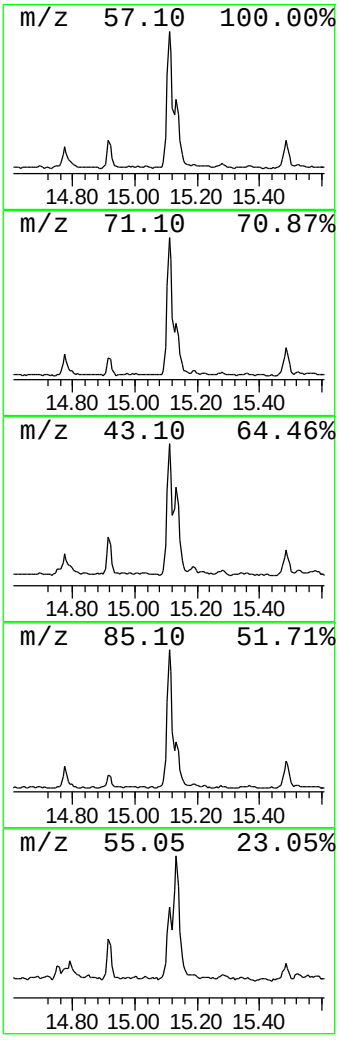
****

Peak Number 10 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	10.29 ng	762873	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5	Heptacosane	380	C27H56	000593-49-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120454.D
Acq On : 29 May 2020 22:07
Operator : MA/SJ
Sample : L2773-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM89-COMP-2020-0-6

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

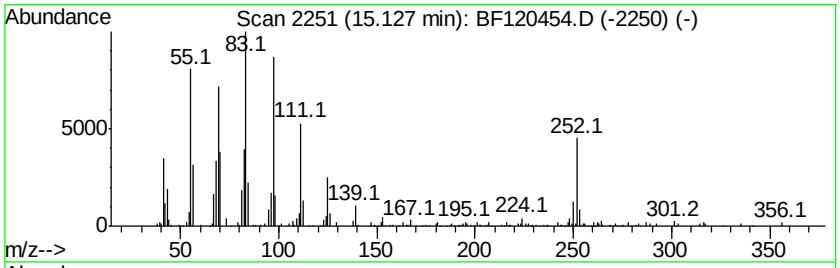
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

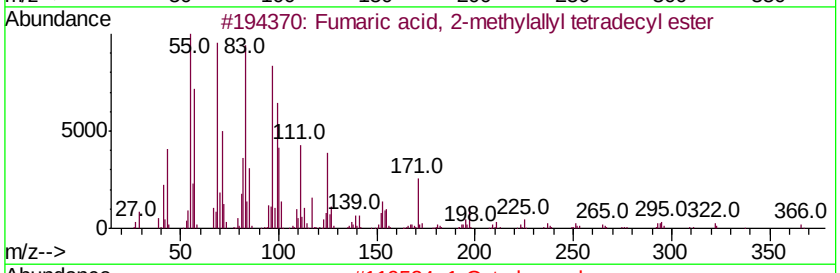
****

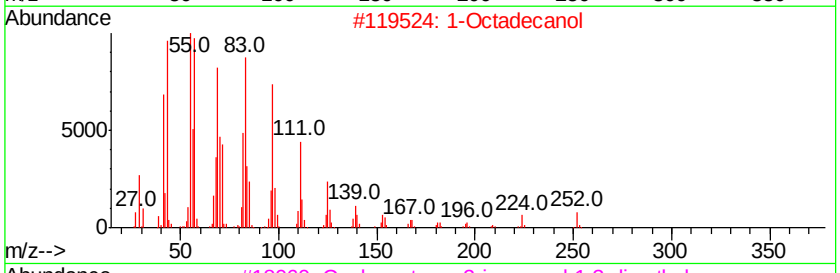
Peak Number 11 Fumaric acid, 2-methylallyl... Concentration Rank 8

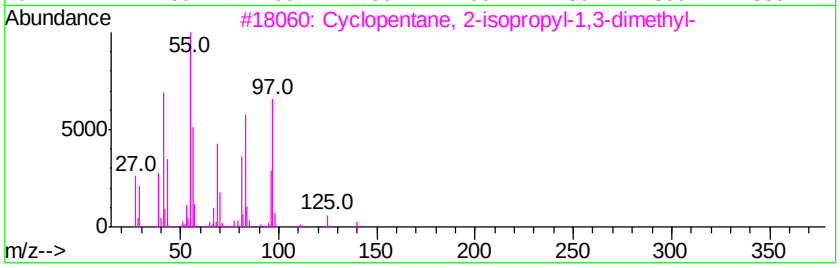
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	10.29 ng	763413	Perylene-d12	15.44

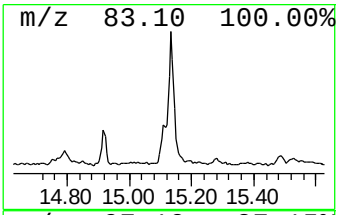
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, 2-methylallyl tetr...	366	C22H38O4	1000330-55-3	53
2	1-Octadecanol	270	C18H38O	000112-92-5	52
3	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	50
4	1-Hexadecanol	242	C16H34O	036653-82-4	47
5	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	47

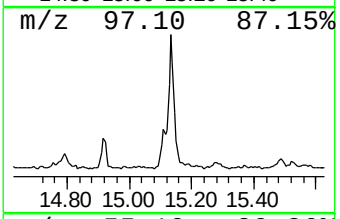


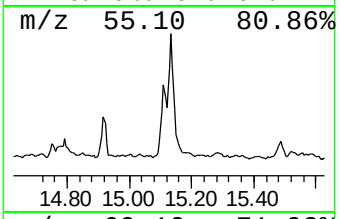


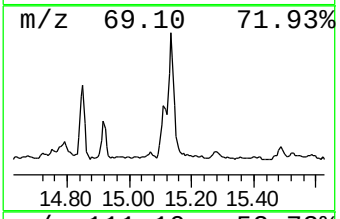


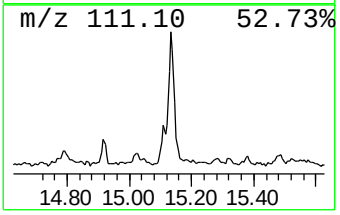












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120454.D
Acq On : 29 May 2020 22:07
Operator : MA/SJ
Sample : L2773-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM89-COMP-2020-0-6

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

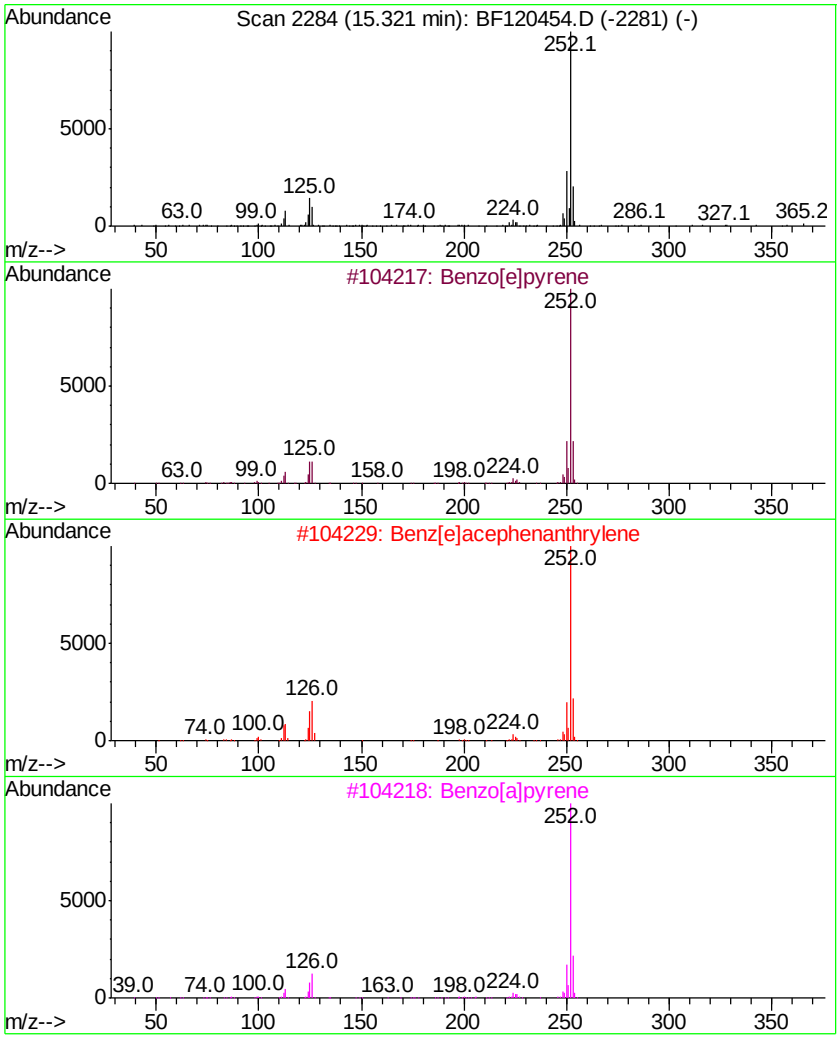
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

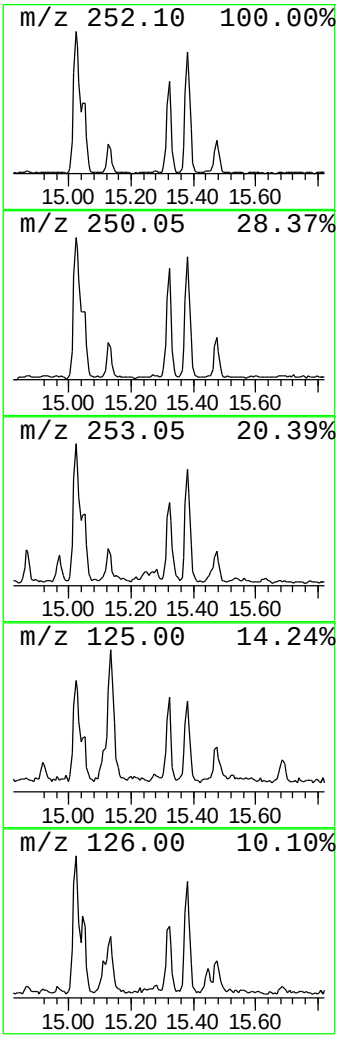
****

Peak Number 12 Benzo[e]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	2.34 ng	173799	Perylene-d12	15.44

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	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120454.D
Acq On : 29 May 2020 22:07
Operator : MA/SJ
Sample : L2773-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM89-COMP-2020-0-6

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

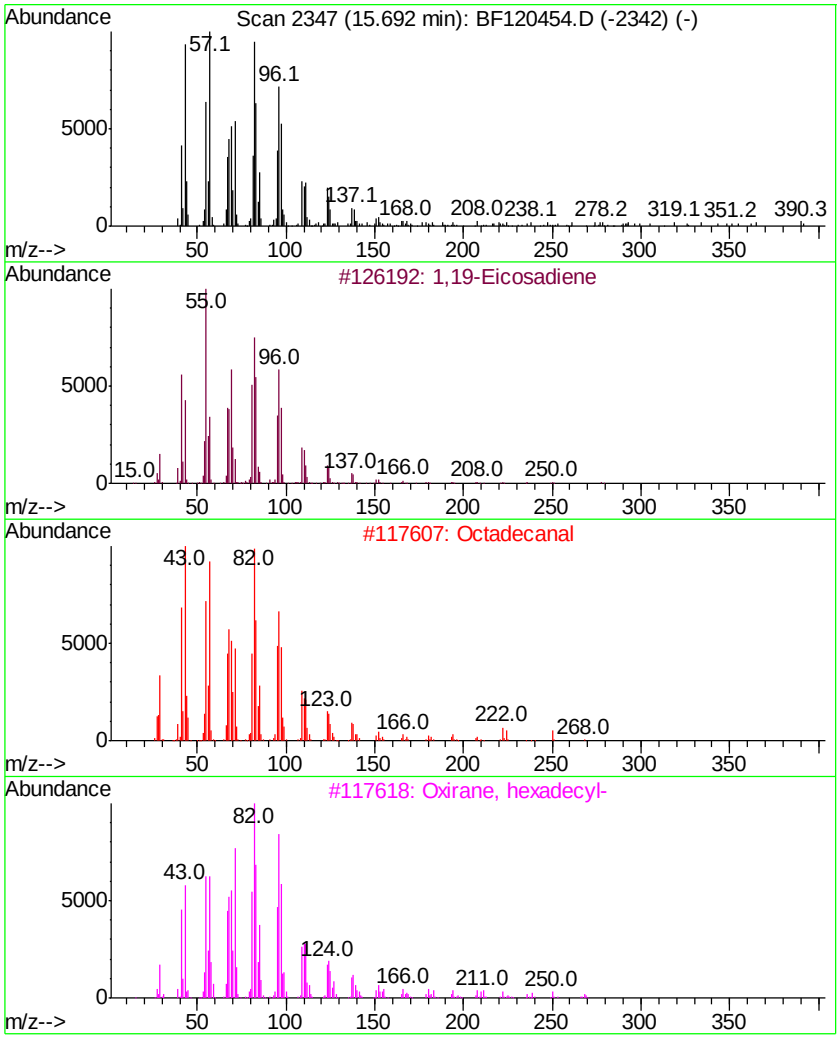
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

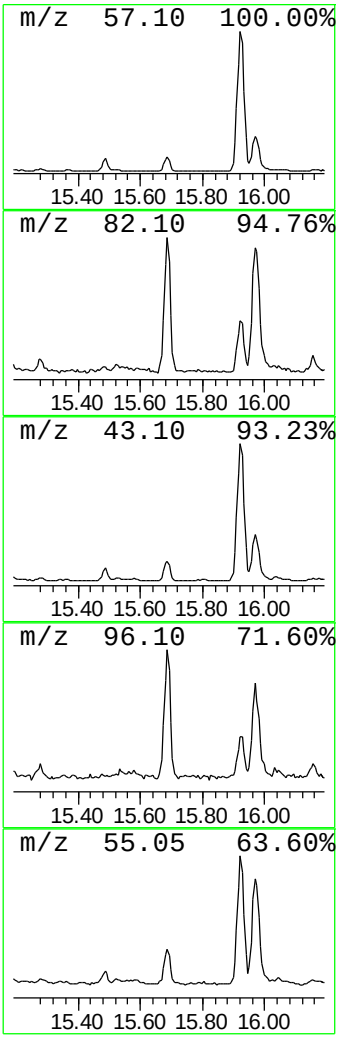
****

Peak Number 13 1,19-Eicosadiene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	5.66 ng	419878	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	94
2	Octadecanal	268	C18H36O	000638-66-4	94
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	9-Octadecen-1-ol, (Z)-	268	C18H36O	000143-28-2	89
5	Hexadecanal	240	C16H32O	000629-80-1	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120454.D
Acq On : 29 May 2020 22:07
Operator : MA/SJ
Sample : L2773-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM89-COMP-2020-0-6

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

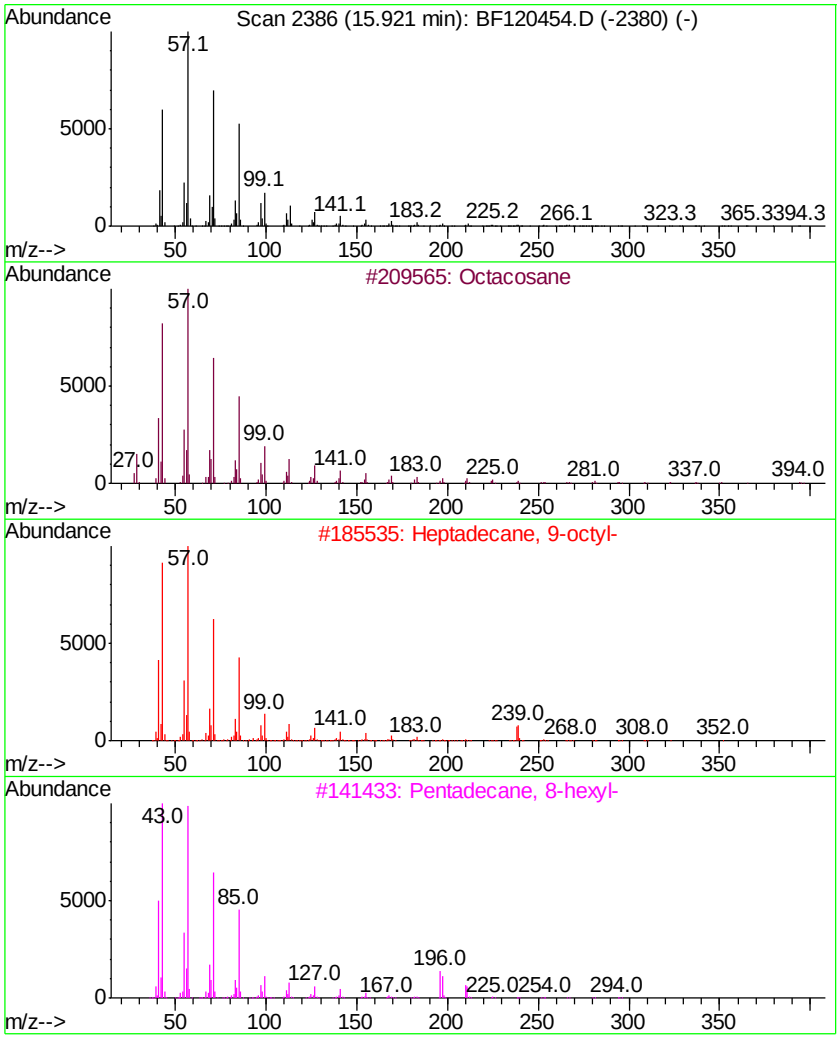
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

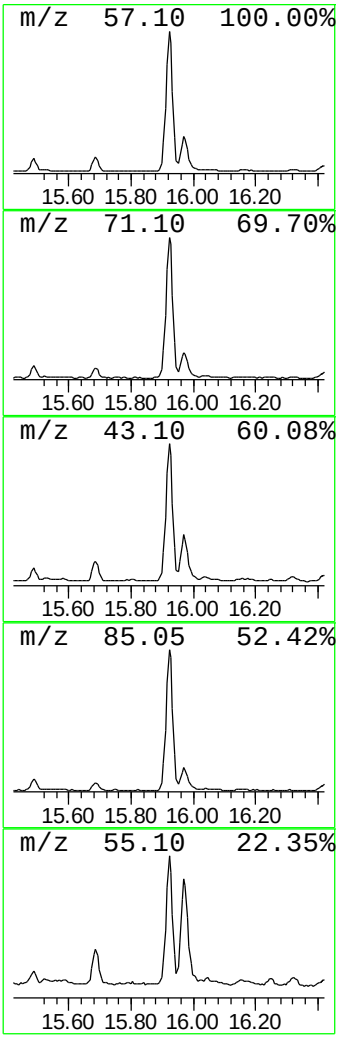
****

Peak Number 14 Octacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	31.82 ng	2359900	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	97
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Hexacosane	366	C26H54	000630-01-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120454.D
Acq On : 29 May 2020 22:07
Operator : MA/SJ
Sample : L2773-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM89-COMP-2020-0-6

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

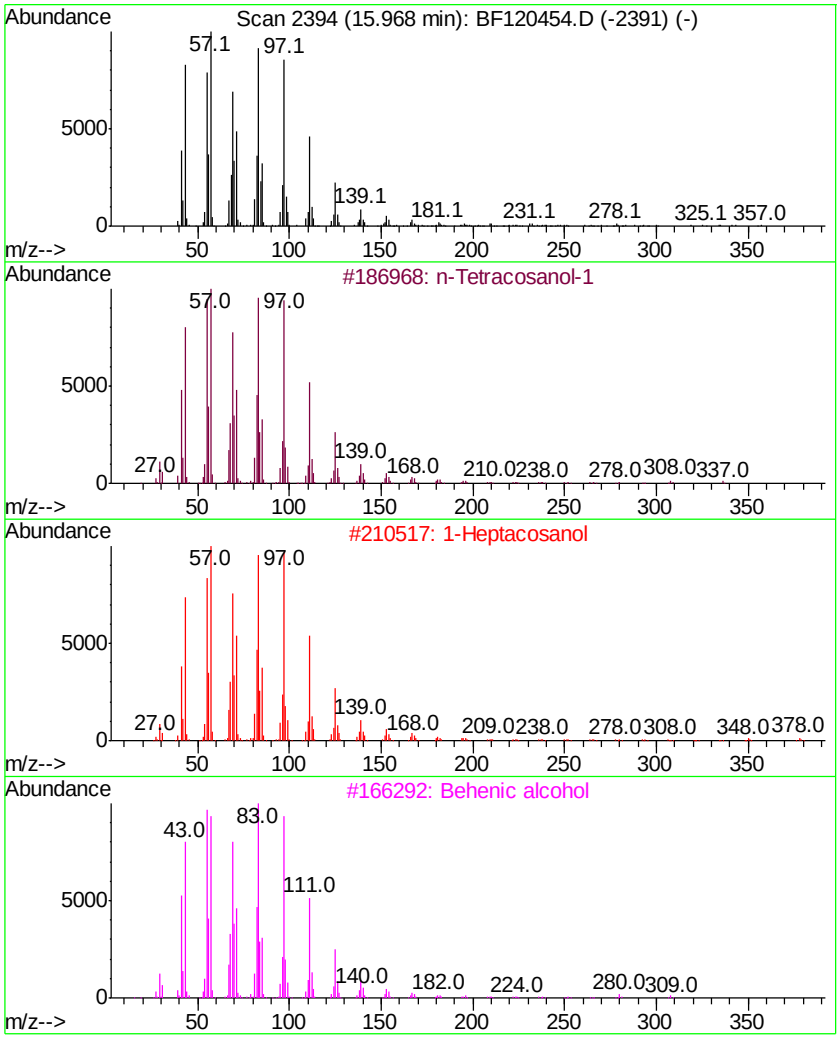
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

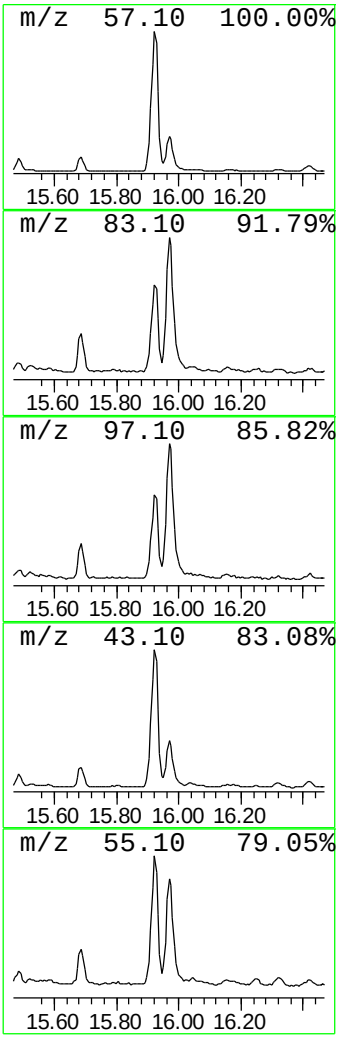
****

Peak Number 15 n-Tetracosanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	15.45 ng	1145750	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	95
3	Behenic alcohol	326	C22H46O	000661-19-8	95
4	Octacosanol	410	C28H58O	000557-61-9	95
5	1-Nonadecene	266	C19H38	018435-45-5	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120454.D
Acq On : 29 May 2020 22:07
Operator : MA/SJ
Sample : L2773-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM89-COMP-2020-0-6

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

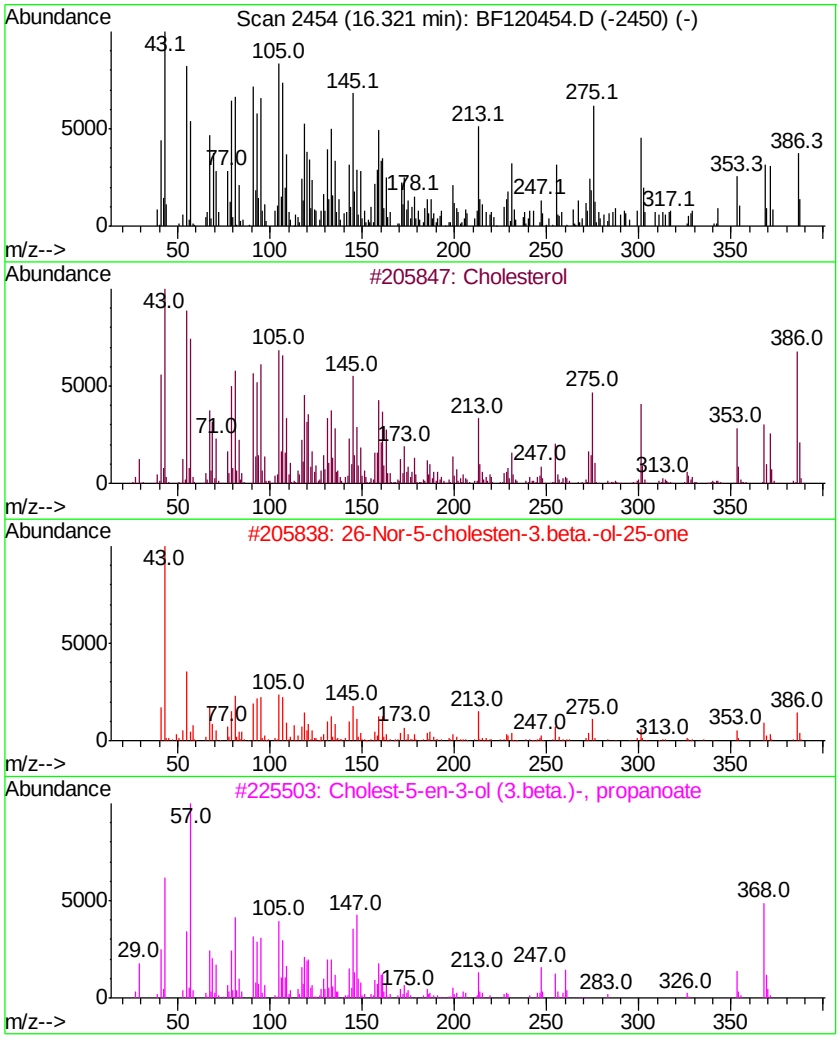
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

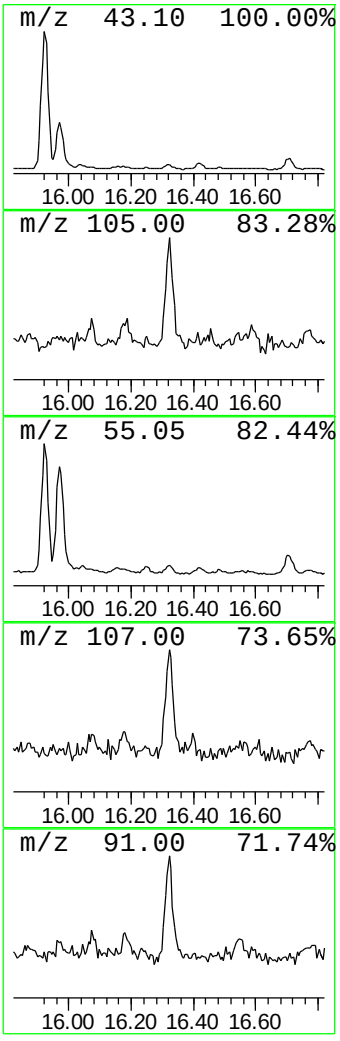
****

Peak Number 16 Cholesterol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	4.00 ng	296417	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholesterol	386	C27H46O	000057-88-5	99
2	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	91
3	Cholest-5-en-3-ol (3.beta.)-, pr...	442	C30H50O2	000633-31-8	38
4	2-Propenenitrile, 2-[(4-methoxyp...	302	C15H18N4OS	1000349-86-6	25
5	Cholest-5-en-3-ol (3.beta.)-, ac...	428	C29H48O2	000604-35-3	20





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120454.D
Acq On : 29 May 2020 22:07
Operator : MA/SJ
Sample : L2773-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM89-COMP-2020-0-6

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

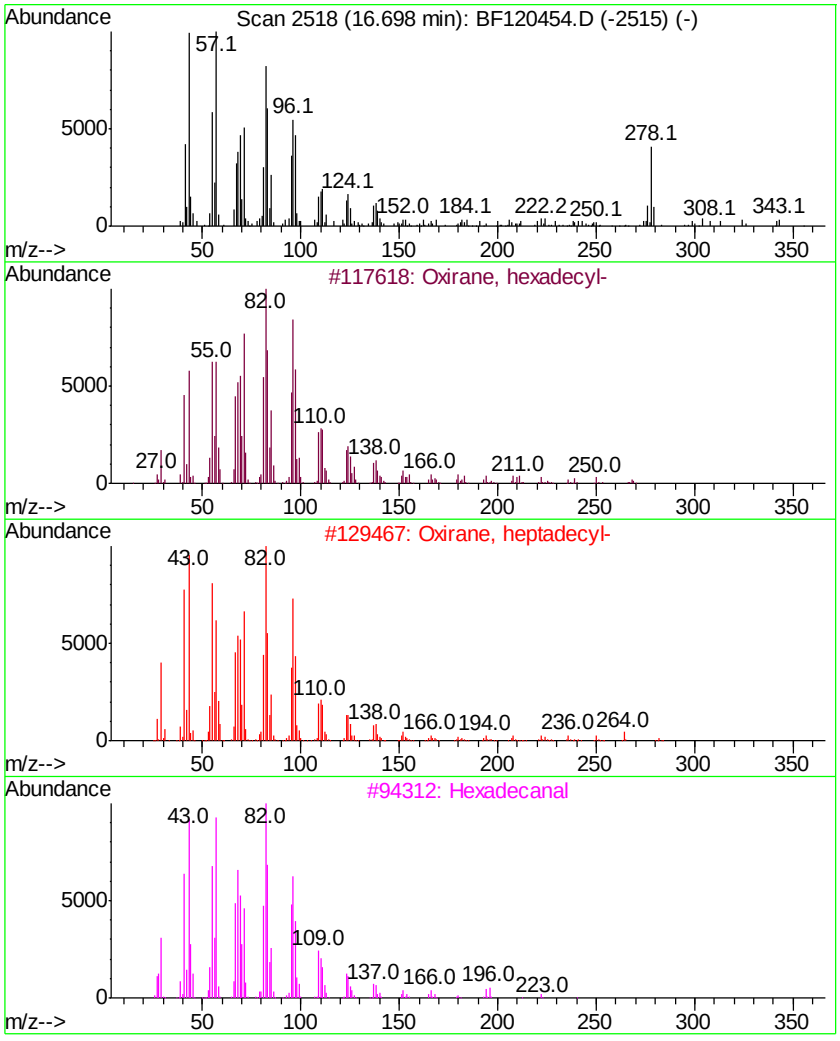
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

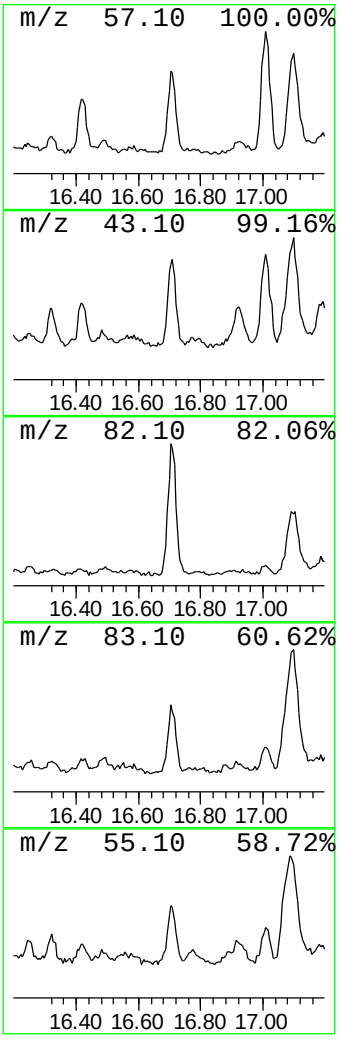
****

Peak Number 17 Oxirane, hexadecyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	4.41 ng	326789	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	93
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	74
3	Hexadecanal	240	C16H32O	000629-80-1	72
4	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	70
5	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120454.D
Acq On : 29 May 2020 22:07
Operator : MA/SJ
Sample : L2773-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM89-COMP-2020-0-6

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

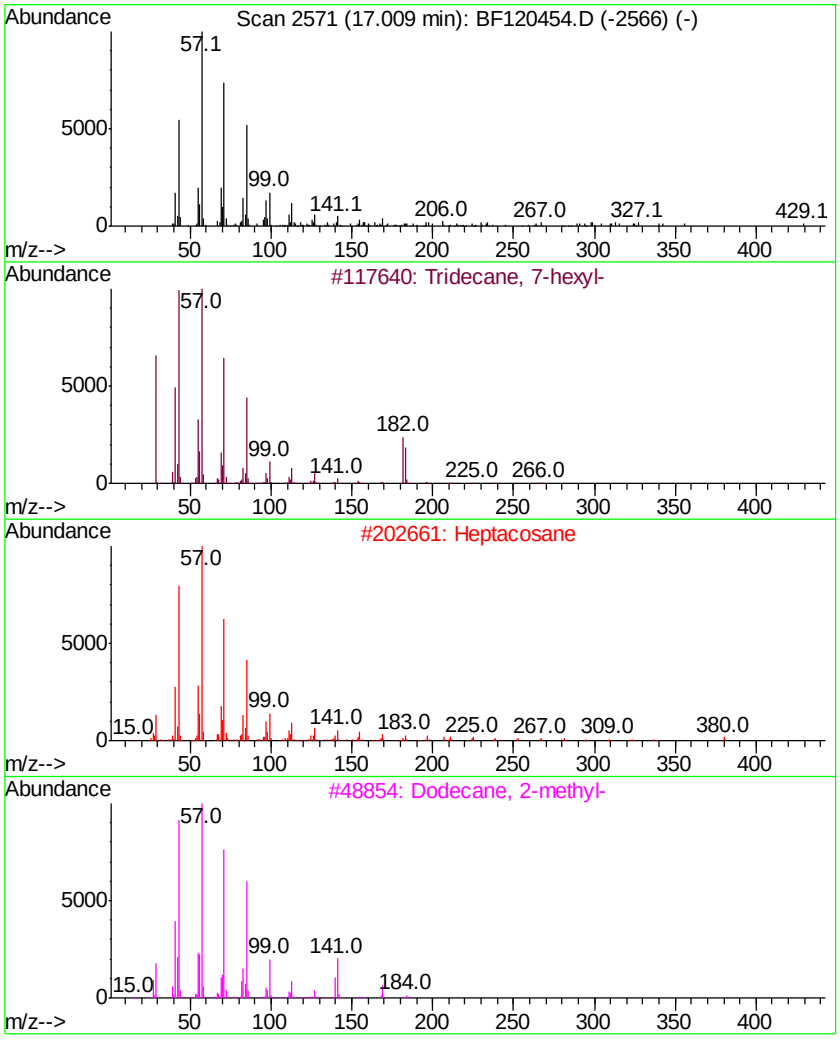
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

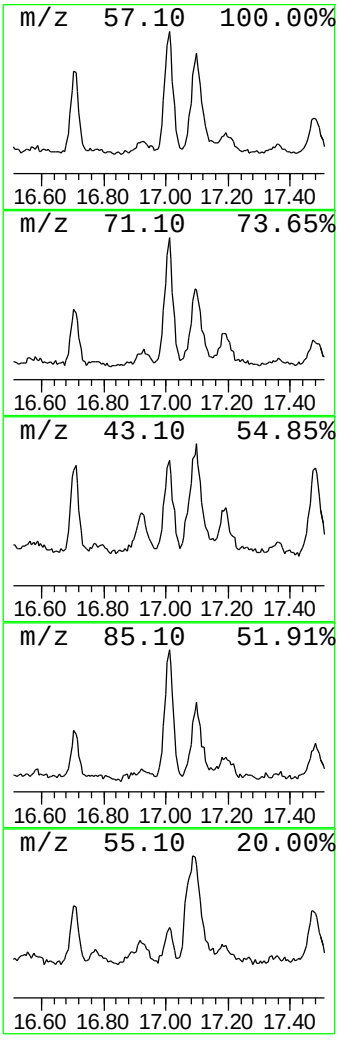
****

Peak Number 18 Tridecane, 7-hexyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	3.48 ng	257925	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	93
2	Heptacosane	380	C27H56	000593-49-7	91
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
4	Heptadecane, 2,3-dimethyl-	268	C19H40	061868-03-9	90
5	Octacosane	394	C28H58	000630-02-4	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120454.D
Acq On : 29 May 2020 22:07
Operator : MA/SJ
Sample : L2773-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM89-COMP-2020-0-6

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

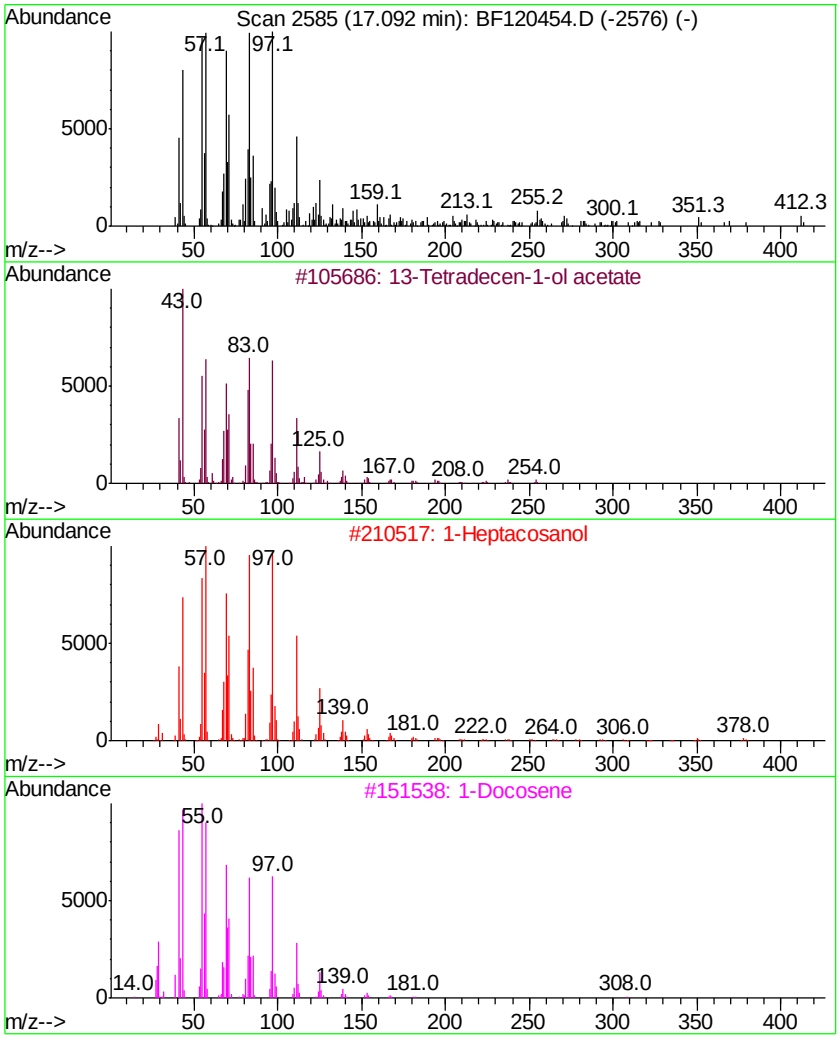
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

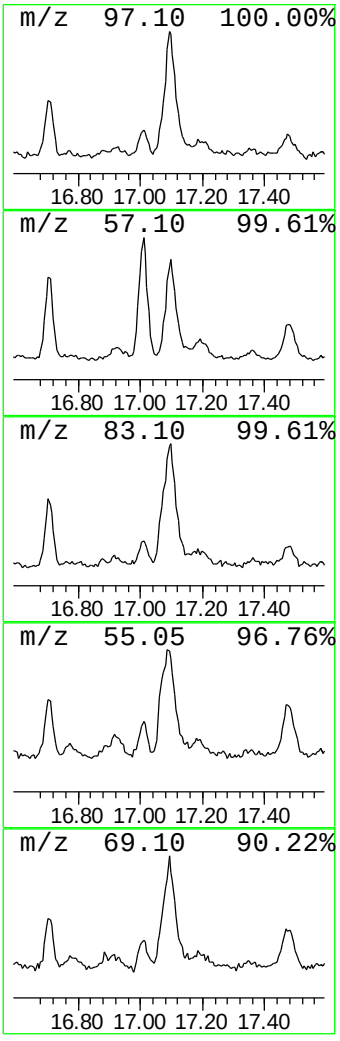
****

Peak Number 19 13-Tetradecen-1-ol acetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.09	13.31 ng	987076	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	93
2	1-Heptacosanol	396	C27H56O	002004-39-9	93
3	1-Docosene	308	C22H44	001599-67-3	91
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120454.D
Acq On : 29 May 2020 22:07
Operator : MA/SJ
Sample : L2773-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM89-COMP-2020-0-6

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

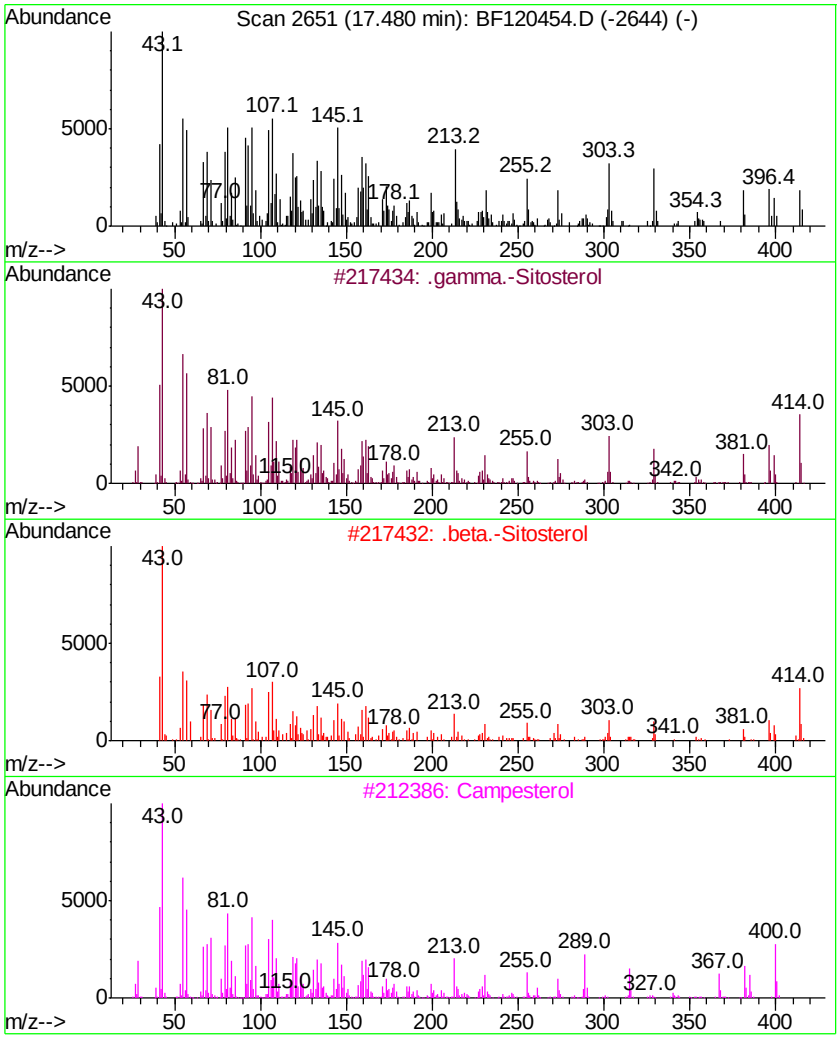
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

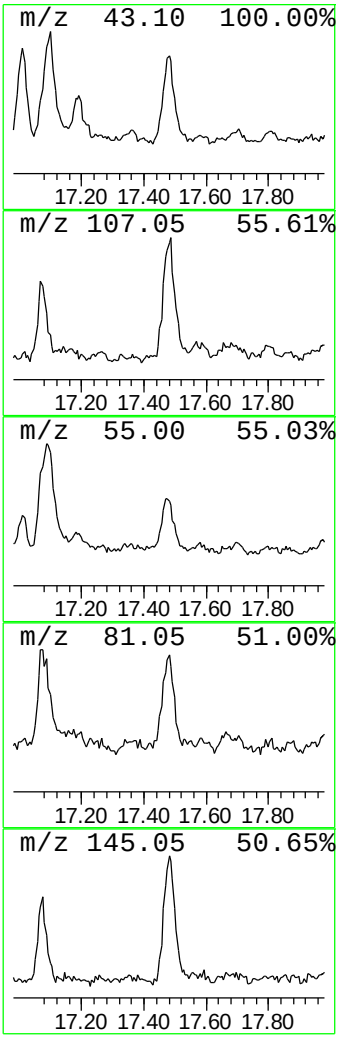
****

Peak Number 20 .gamma.-Sitosterol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.48	9.90 ng	734541	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
3	Campesterol	400	C28H48O	000474-62-4	50
4	Ergost-7-en-3-ol, (3.beta.)-	400	C28H48O	026047-31-4	49
5	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052920\
Data File : BF120454.D
Acq On : 29 May 2020 22:07
Operator : MA/SJ
Sample : L2773-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM89-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	1.93	8.2	ng	672201	1	6.84	1645920	20.0
Methylene chloride	1.96	11.9	ng	976165	1	6.84	1645920	20.0
Butane, 2-methoxy...	2.10	23.5	ng	1937170	1	6.84	1645920	20.0
unknown11.85	11.85	2.4	ng	220551	4	11.36	1823580	20.0
n-Hexadecanoic acid	11.89	6.0	ng	550399	4	11.36	1823580	20.0
Pentafluoropropio...	13.84	11.3	ng	1053330	5	13.99	1865730	20.0
Ethanol, 2-(tetra...	14.47	7.1	ng	662221	5	13.99	1865730	20.0
Octadecanal	14.92	4.2	ng	309784	6	15.44	1483230	20.0
Heneicosane	15.11	10.3	ng	762873	6	15.44	1483230	20.0
Fumaric acid, 2-m...	15.13	10.3	ng	763413	6	15.44	1483230	20.0
Benzo[e]pyrene	15.32	2.3	ng	173799	6	15.44	1483230	20.0
1,19-Eicosadiene	15.69	5.7	ng	419878	6	15.44	1483230	20.0
Octacosane	15.92	31.8	ng	2359900	6	15.44	1483230	20.0
n-Tetracosanol-1	15.97	15.4	ng	1145750	6	15.44	1483230	20.0
Cholesterol	16.32	4.0	ng	296417	6	15.44	1483230	20.0
Oxirane, hexadecyl-	16.70	4.4	ng	326789	6	15.44	1483230	20.0
Tridecane, 7-hexyl-	17.01	3.5	ng	257925	6	15.44	1483230	20.0
13-Tetradecen-1-o...	17.09	13.3	ng	987076	6	15.44	1483230	20.0
.gamma.-Sitosterol	17.48	9.9	ng	734541	6	15.44	1483230	20.0