LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121471.D
Acq On : 28 Aug 2020 21:05
Operator : JU/CG
Sample : L3837-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP06-0006-01

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-BF082720.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	2.169	8	14	22	rVB	2112830	2752951	41.15%	3.364%
2	5.081	506	509	517	rVB	122037	140176	2.10%	0.171%
3	5.475	571	576	579	rBV	5583234	5272831	78.82%	6.444%
4	6.145	687	690	693	rBV	106628	89419	1.34%	0.109%
5	6.481	742	747	750	rBV	5369819	5439127	81.30%	6.647%
6	6.686	779	782	787	rBV2	61540	70757	1.06%	0.086%
7	6.857	808	811	815	rBV	2331839	1845473	27.59%	2.255%
8	7.422	901	907	910	rBV	4033887	3759947	56.20%	4.595%
9	8.139	1025	1029	1032	rBV	2905170	2500818	37.38%	3.056%
10	8.516	1089	1093	1099	rBV	50521	76241	1.14%	0.093%
11	9.222	1207	1213	1216	rBV	7382566	6690081	100.00%	8.176%
12	9.610	1276	1279	1283	rVB	604186	449164	6.71%	0.549%
13	9.898	1321	1328	1331	rBV	3435579	2848978	42.59%	3.482%
14	10.680	1457	1461	1465	rBV	4254487	4175909	62.42%	5.103%
15	10.804	1479	1482	1487	rVB3	56325	70184	1.05%	0.086%
16	10.880	1492	1495	1501	rBV5	48930	74462	1.11%	0.091%
17	11.327	1568	1571	1575	rBV	202617	227035	3.39%	0.277%
18	11.380	1575	1580	1582	rVV	3440549	3085255	46.12%	3.770%
19	11.404	1582	1584	1588	rVV	1064679	822758	12.30%	1.005%
20	11.457	1591	1593	1595	rVB	144981	110517	1.65%	0.135%
21	11.604	1613	1618	1621	rBV2	105719	117547	1.76%	0.144%
22	11.839	1653	1658	1661	rBV2	145419	175922	2.63%	0.215%
23	11.880	1661	1665	1667	rVV2	188764	222873	3.33%	0.272%
24	11.916	1667	1671	1681	rVB2	1593579	1625817	24.30%	1.987%
25	11.992	1681	1684	1687	rBV	193543	196039	2.93%	0.240%
26	12.086	1697	1700	1707	rBV2	216352	239941	3.59%	0.293%
27	12.180	1711	1716	1717	rVV	116249	142419	2.13%	0.174%
28	12.198	1717	1719	1723	rVB	154642	138665	2.07%	0.169%
29	12.433	1755	1759	1762	rBV	112713	121021	1.81%	0.148%
30	12.474	1762	1766	1770	rVV3	61754	86814	1.30%	0.106%
31	12.515	1770	1773	1778	rVB	71127	82886	1.24%	0.101%
32	12.592	1782	1786	1789	rBV	2316450	1907492	28.51%	2.331%
33	12.633	1789	1793	1800	rVB4	152967	239733	3.58%	0.293%
34	12.698	1800	1804	1810	rBV3	374266	462502	6.91%	0.565%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121471.D
Acq On : 28 Aug 2020 21:05
Operator : JU/CG
Sample : L3837-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP06-0006-01

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-BF082720.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.821	1818	1825	1828	rBV	1727653	1715529	25.64%	2.097%
36	12.868	1831	1833	1838	rVB2	75547	76879	1.15%	0.094%
37	12.939	1842	1845	1846	rBV	101706	84488	1.26%	0.103%
38	12.968	1846	1850	1854	rVB	6708646	6481699	96.89%	7.921%
39	13.027	1856	1860	1865	rBV2	141800	245966	3.68%	0.301%
40	13.151	1878	1881	1883	rVB	220341	184810	2.76%	0.226%
41	13.180	1883	1886	1888	rVV	116199	118401	1.77%	0.145%
42	13.215	1888	1892	1895	rVV2	236748	235226	3.52%	0.287%
43	13.251	1895	1898	1901	rVV2	144585	150383	2.25%	0.184%
44	13.280	1901	1903	1906	rVB2	88344	75986	1.14%	0.093%
45	13.374	1917	1919	1923	rVB3	110615	119294	1.78%	0.146%
46	13.445	1928	1931	1933	rVV	215485	185745	2.78%	0.227%
47	13.474	1933	1936	1940	rVB	348700	300313	4.49%	0.367%
48	13.657	1963	1967	1972	rVB	119485	175640	2.63%	0.215%
49	13.768	1981	1986	1989	rBV2	159115	200281	2.99%	0.245%
50	13.798	1989	1991	1993	rBV	121682	104632	1.56%	0.128%
51	13.862	1999	2002	2010	rVB2	1775241	1893390	28.30%	2.314%
52	14.021	2020	2029	2031	rBV2	2514046	3162880	47.28%	3.865%
53	14.045	2031	2033	2036	rVB	796168	589297	8.81%	0.720%
54	14.121	2044	2046	2050	rVV	115691	101290	1.51%	0.124%
55	14.192	2054	2058	2063	rVV5	147639	189749	2.84%	0.232%
56	14.239	2063	2066	2070	rVB2	66025	81081	1.21%	0.099%
57	14.404	2092	2094	2097	rVB	98954	80797	1.21%	0.099%
58	14.439	2097	2100	2103	rVB	116789	104631	1.56%	0.128%
59	14.504	2107	2111	2117	rVV	1176970	1377080	20.58%	1.683%
60	14.551	2117	2119	2123	rVB3	101292	100310	1.50%	0.123%
61	14.786	2156	2159	2161	rBV3	74174	95655	1.43%	0.117%
62	14.886	2172	2176	2182	rVB3	215021	252509	3.77%	0.309%
63	14.956	2184	2188	2193	rBV	953720	1060947	15.86%	1.297%
64	15.056	2201	2205	2208	rBV	706458	1005621	15.03%	1.229%
65	15.174	2217	2225	2232	rBV3	1397973	2501285	37.39%	3.057%
66	15.356	2253	2256	2262	rVB	395149	495866	7.41%	0.606%
67	15.421	2263	2267	2272	rVB	545995	619238	9.26%	0.757%
68	15.486	2273	2278	2282	rBV	1581089	1950879	29.16%	2.384%
69	15.515	2282	2283	2290	rVB3	164096	227299	3.40%	0.278%
70	15.733	2316	2320	2330	rVB	454211	653985	9.78%	0.799%
71	15.974	2356	2361	2365	rBV	501577	736990	11.02%	0.901%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121471.D
Acq On : 28 Aug 2020 21:05
Operator : JU/CG
Sample : L3837-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP06-0006-01

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-BF082720.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.021	2365	2369	2378	rVB2	356920	621417	9.29%	0.759%
73	16.774	2491	2497	2504	rBV3	334051	667845	9.98%	0.816%
74	16.939	2520	2525	2531	rBV2	269230	606729	9.07%	0.741%
75	17.086	2544	2550	2555	rBV2	163236	357819	5.35%	0.437%
76	17.380	2595	2600	2607	rBV	208724	406213	6.07%	0.496%
77	17.556	2623	2630	2636	rBV3	445173	973969	14.56%	1.190%
78	18.168	2725	2734	2749	rVB2	546007	1409194	21.06%	1.722%
79	18.544	2788	2798	2814	rBV2	648527	2021223	30.21%	2.470%
80	18.874	2846	2854	2867	rBV7	246386	765874	11.45%	0.936%

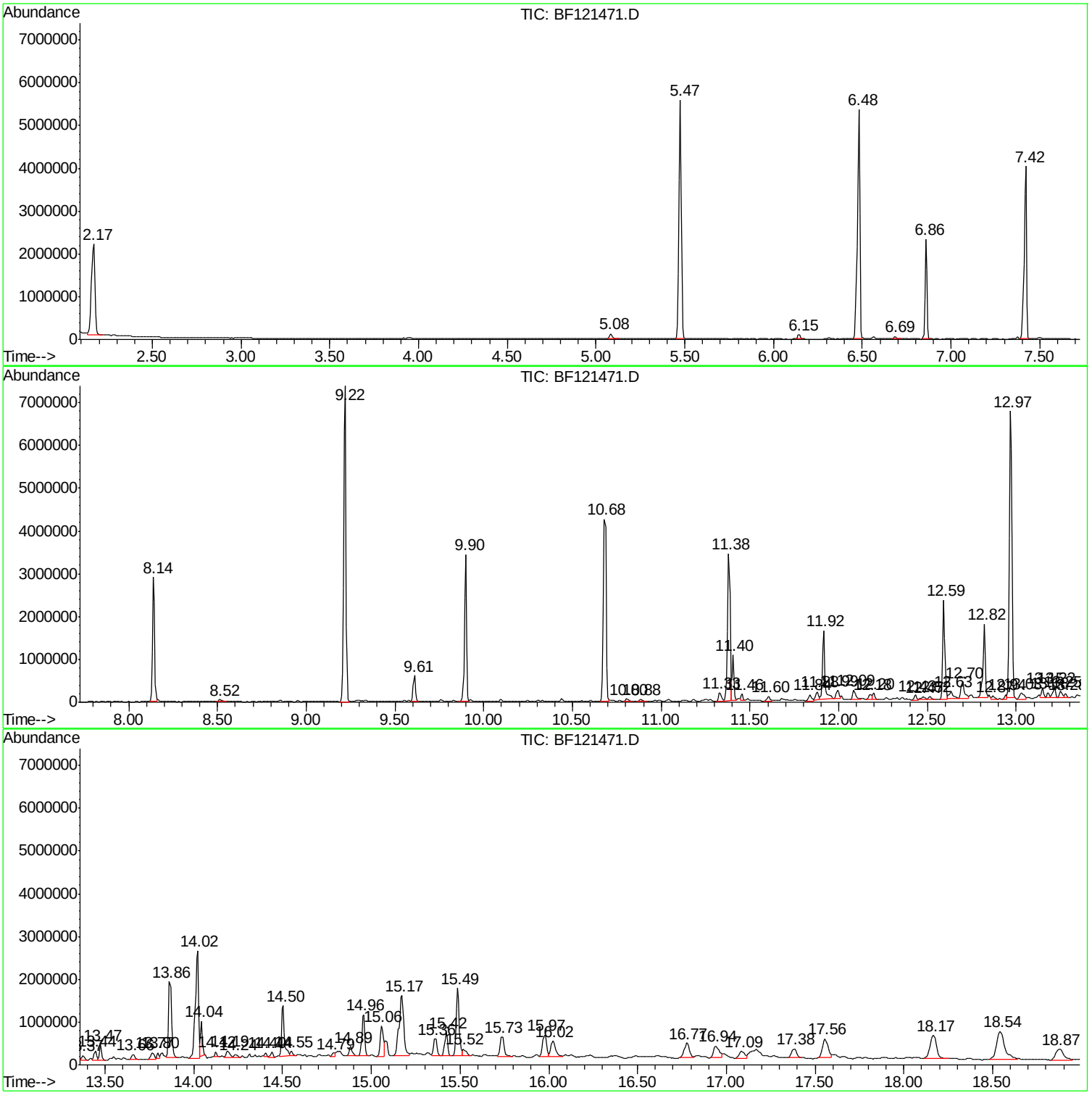
Sum of corrected areas: 81828088

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121471.D
Acq On : 28 Aug 2020 21:05
Operator : JU/CG
Sample : L3837-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
789UMR-TP06-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.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\BF082820\
Data File : BF121471.D
Acq On : 28 Aug 2020 21:05
Operator : JU/CG
Sample : L3837-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP06-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

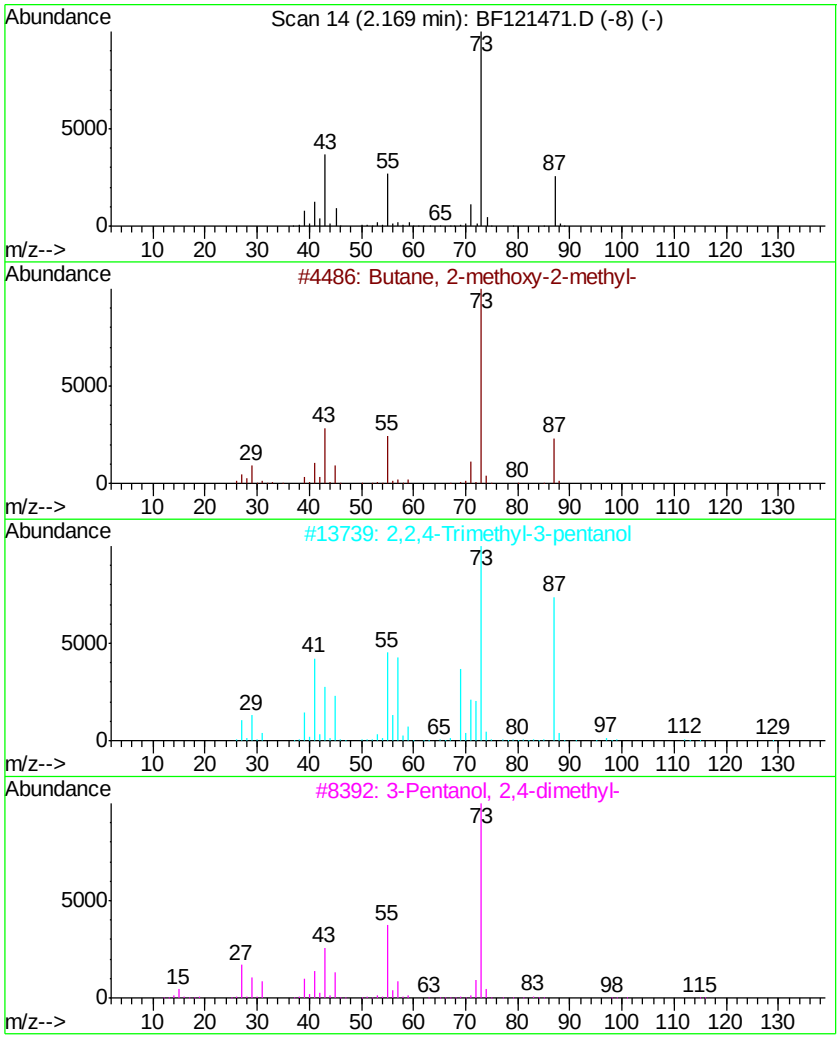
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

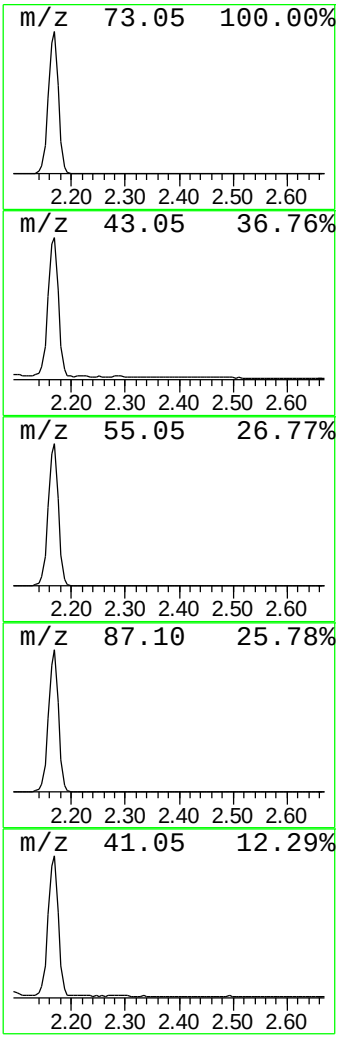
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	29.83 ng	2752950	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
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	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121471.D
Acq On : 28 Aug 2020 21:05
Operator : JU/CG
Sample : L3837-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP06-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

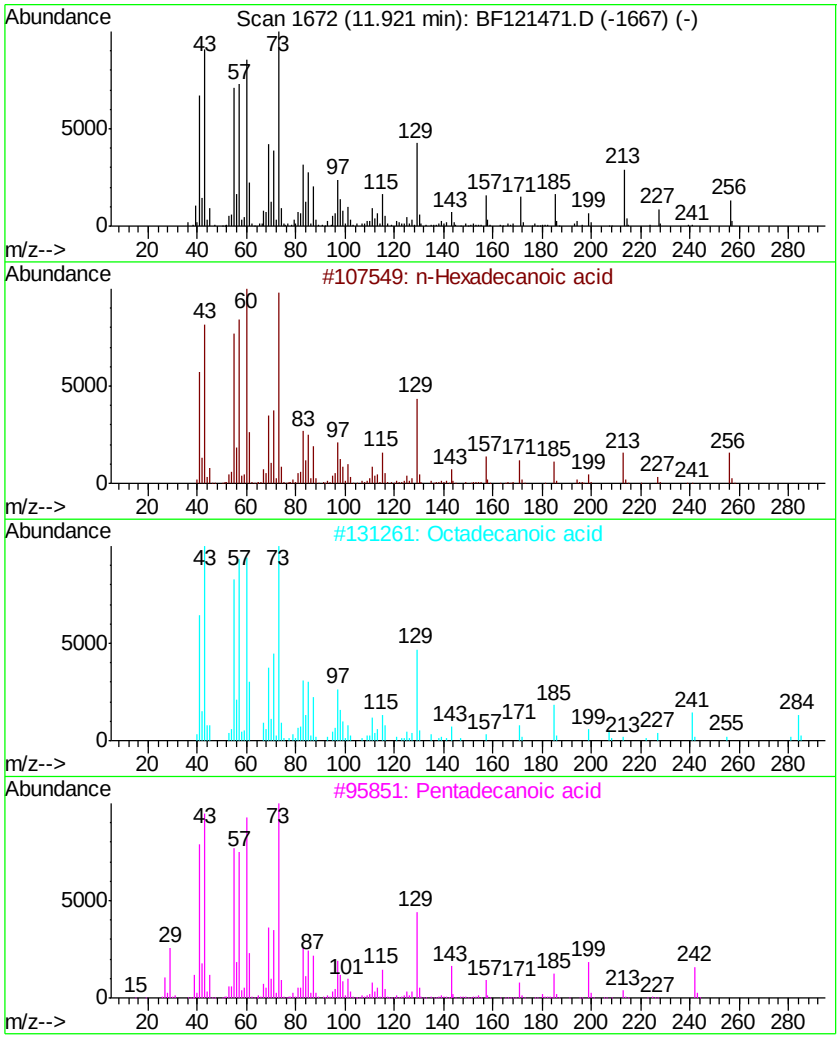
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

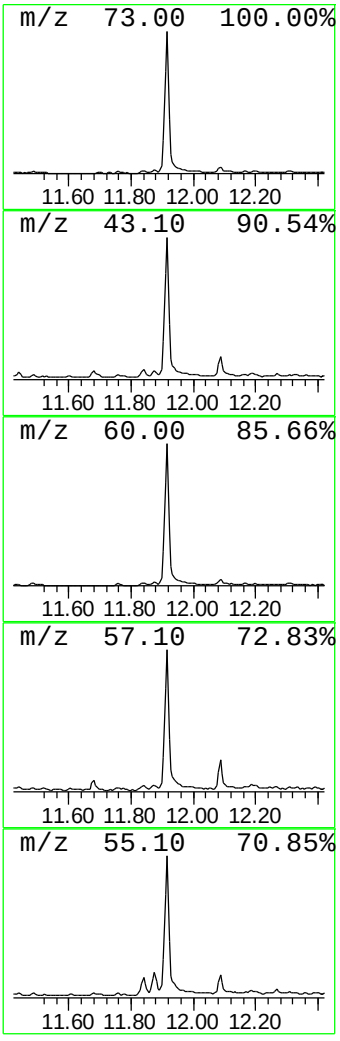
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	10.54 ng	1625820	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121471.D
Acq On : 28 Aug 2020 21:05
Operator : JU/CG
Sample : L3837-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP06-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

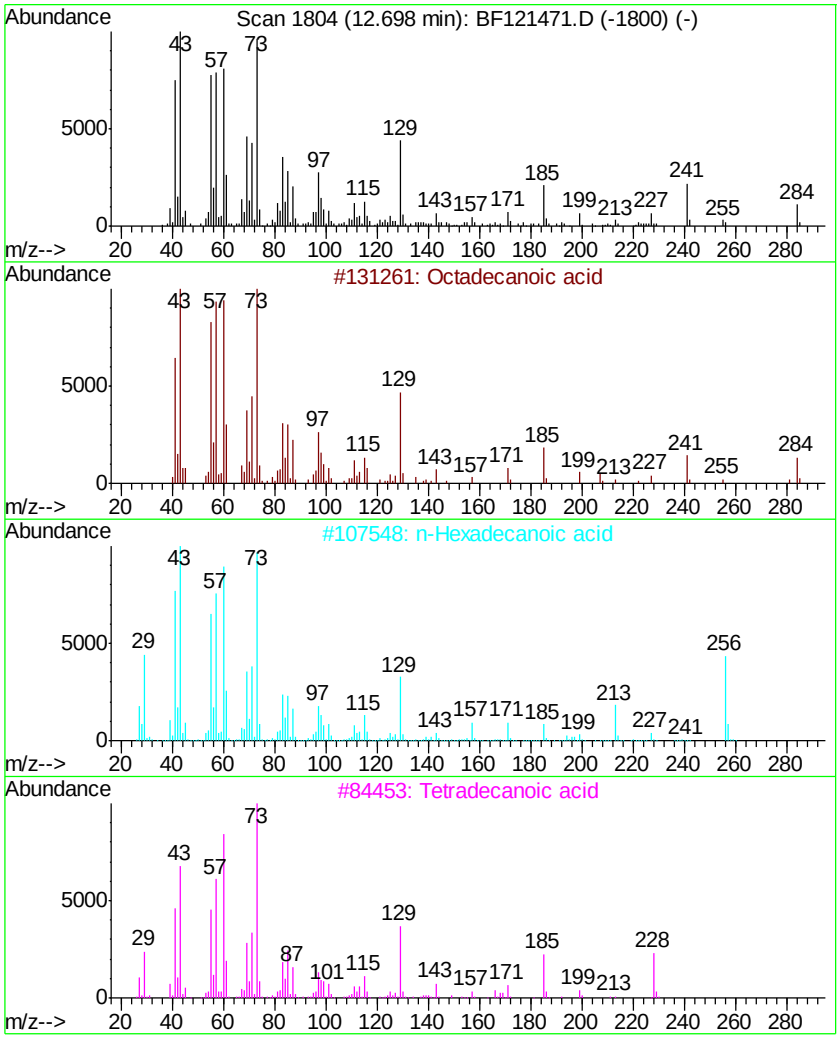
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

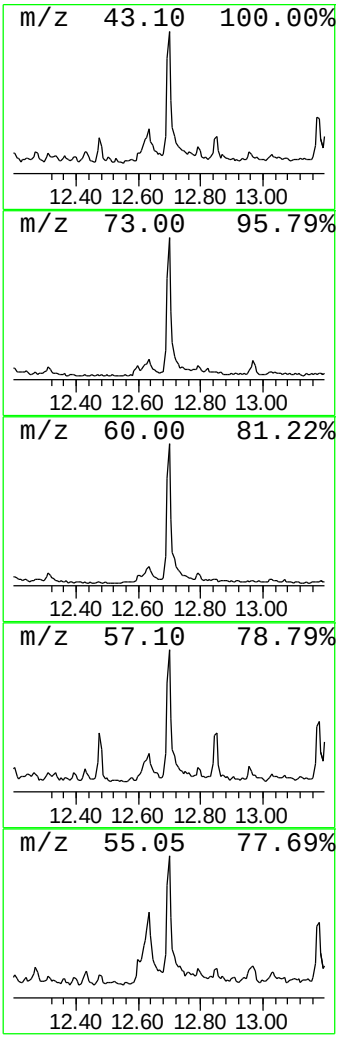
****

Peak Number 3 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	3.00 ng	462502	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121471.D
Acq On : 28 Aug 2020 21:05
Operator : JU/CG
Sample : L3837-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP06-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

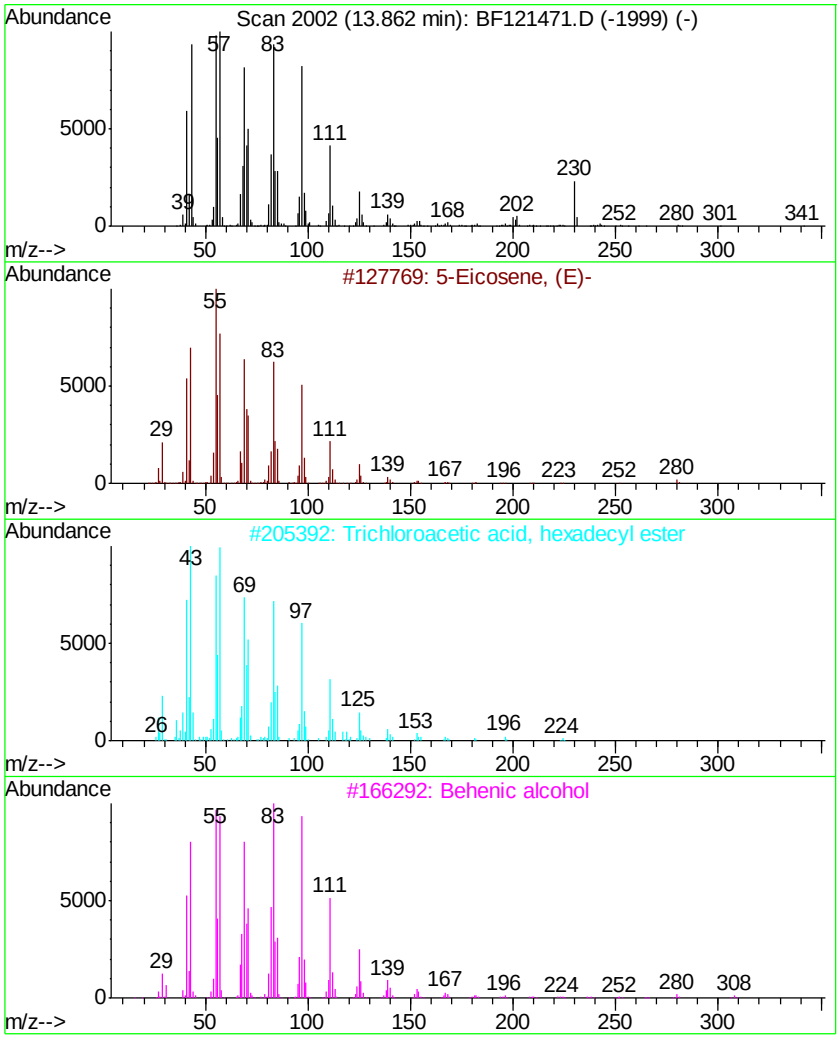
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

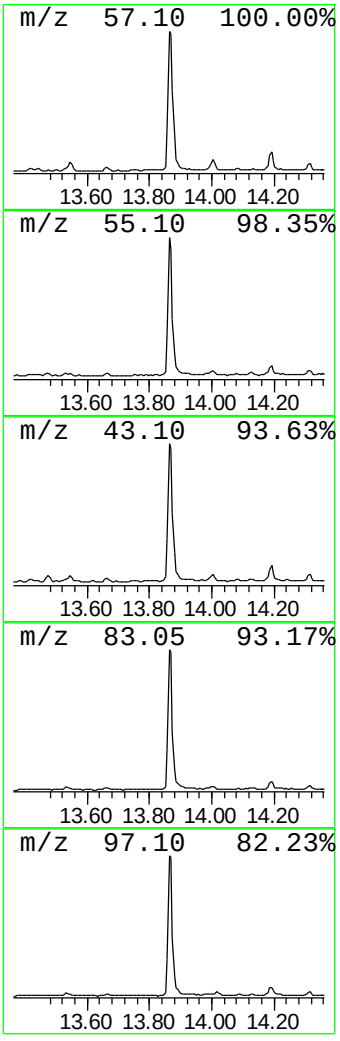
****

Peak Number 4 5-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	11.97 ng	1893390	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	Behenic alcohol	326	C22H46O	000661-19-8	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\BF082820\
Data File : BF121471.D
Acq On : 28 Aug 2020 21:05
Operator : JU/CG
Sample : L3837-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP06-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

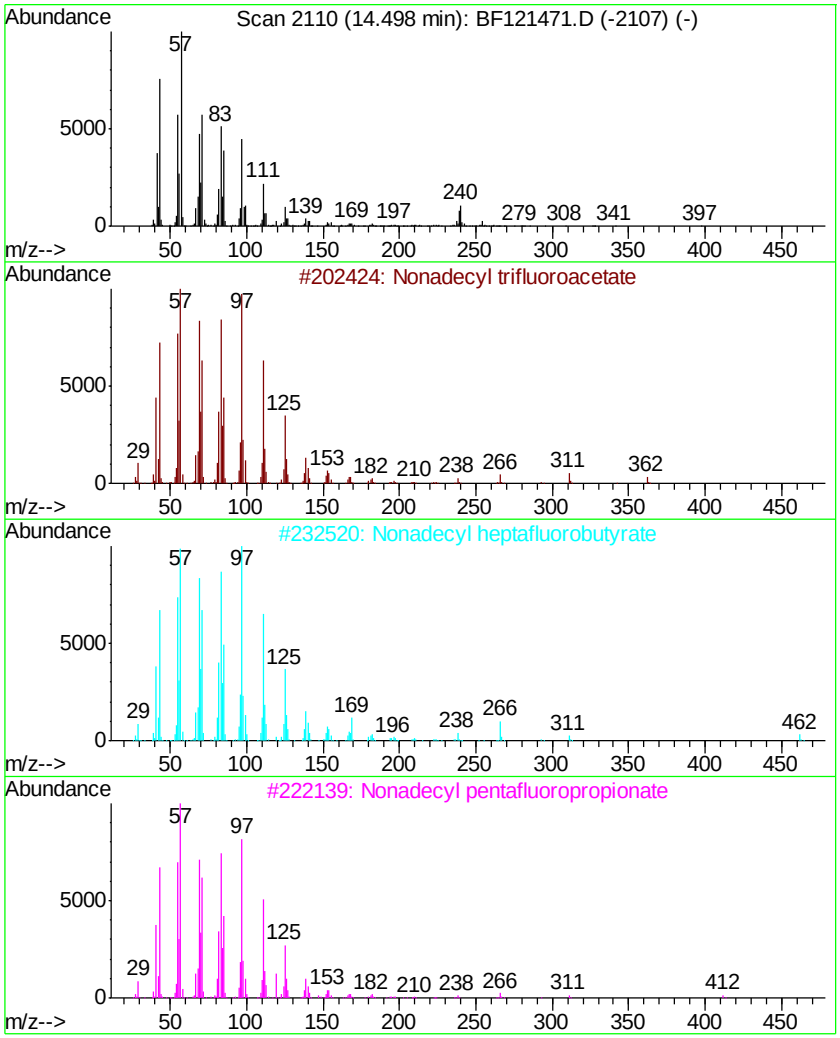
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

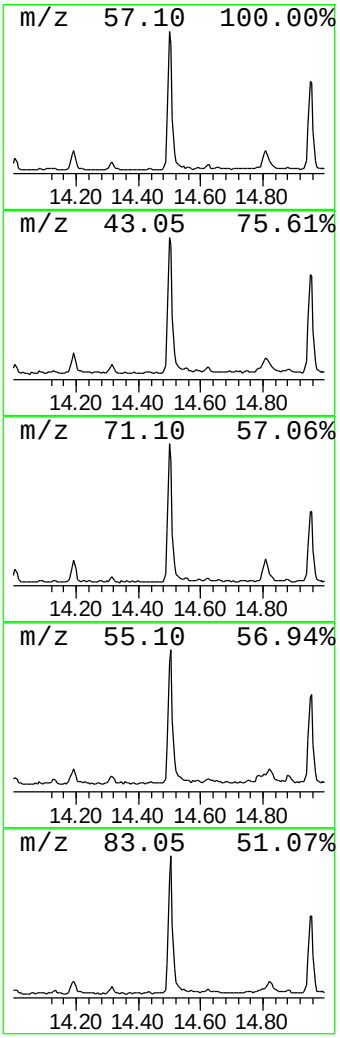
****

Peak Number 5 Nonadecyl trifluoroacetate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	8.71 ng	1377080	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
2	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91
5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121471.D
Acq On : 28 Aug 2020 21:05
Operator : JU/CG
Sample : L3837-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP06-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

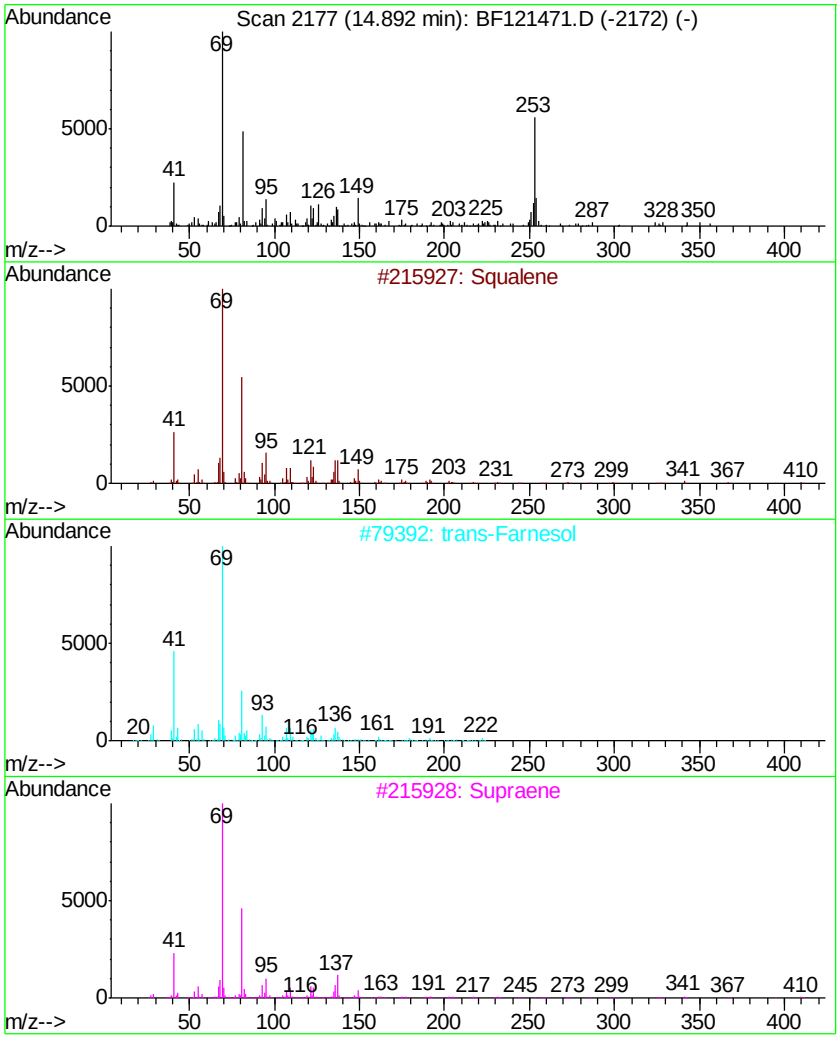
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

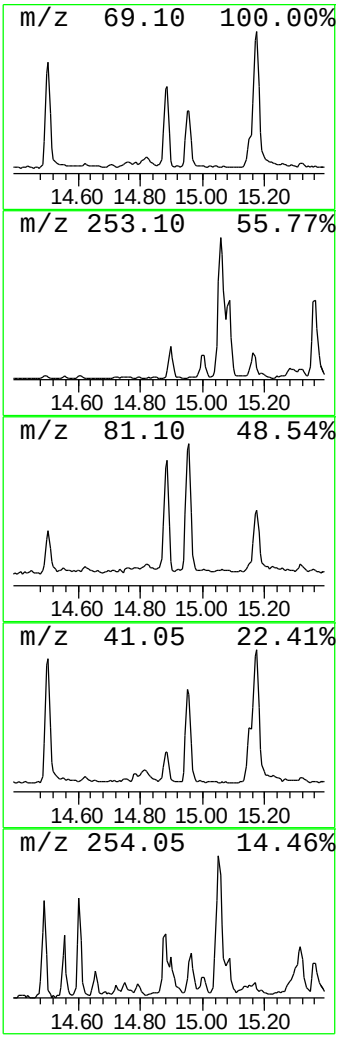
****

Peak Number 6 Squalene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	2.59 ng	252509	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	90
2	trans-Farnesol	222	C15H26O	000106-28-5	64
3	Supraene	410	C30H50	007683-64-9	64
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	59
5	Farnesol isomer a	222	C15H26O	1000108-92-4	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121471.D
Acq On : 28 Aug 2020 21:05
Operator : JU/CG
Sample : L3837-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP06-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

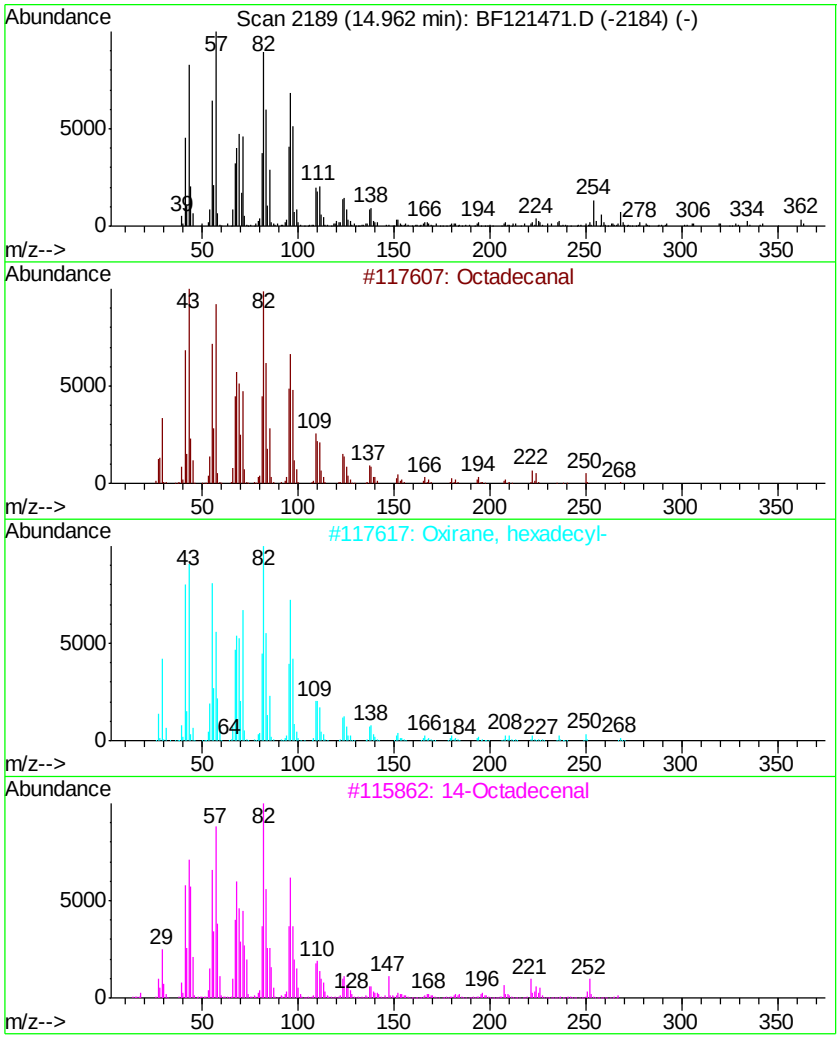
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

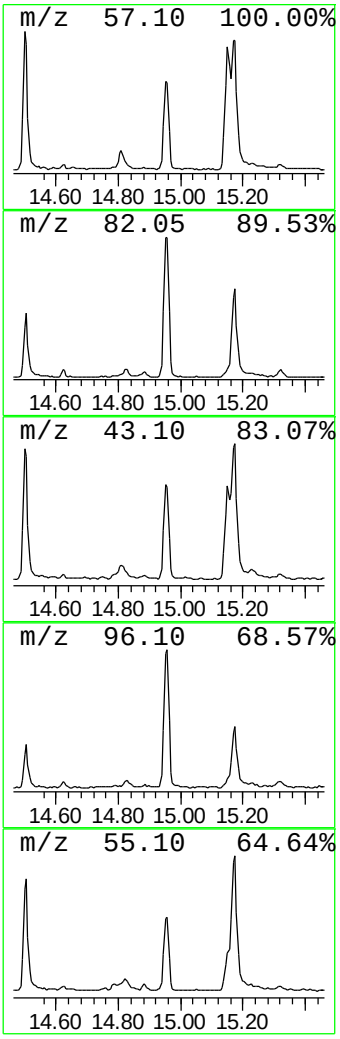
****

Peak Number 7 Octadecanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	10.88 ng	1060950	Perylene-d12	15.49

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	14-Octadecenal	266	C18H34O	056554-89-3	90
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
5	Tetradecanal	212	C14H28O	000124-25-4	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121471.D
Acq On : 28 Aug 2020 21:05
Operator : JU/CG
Sample : L3837-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP06-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

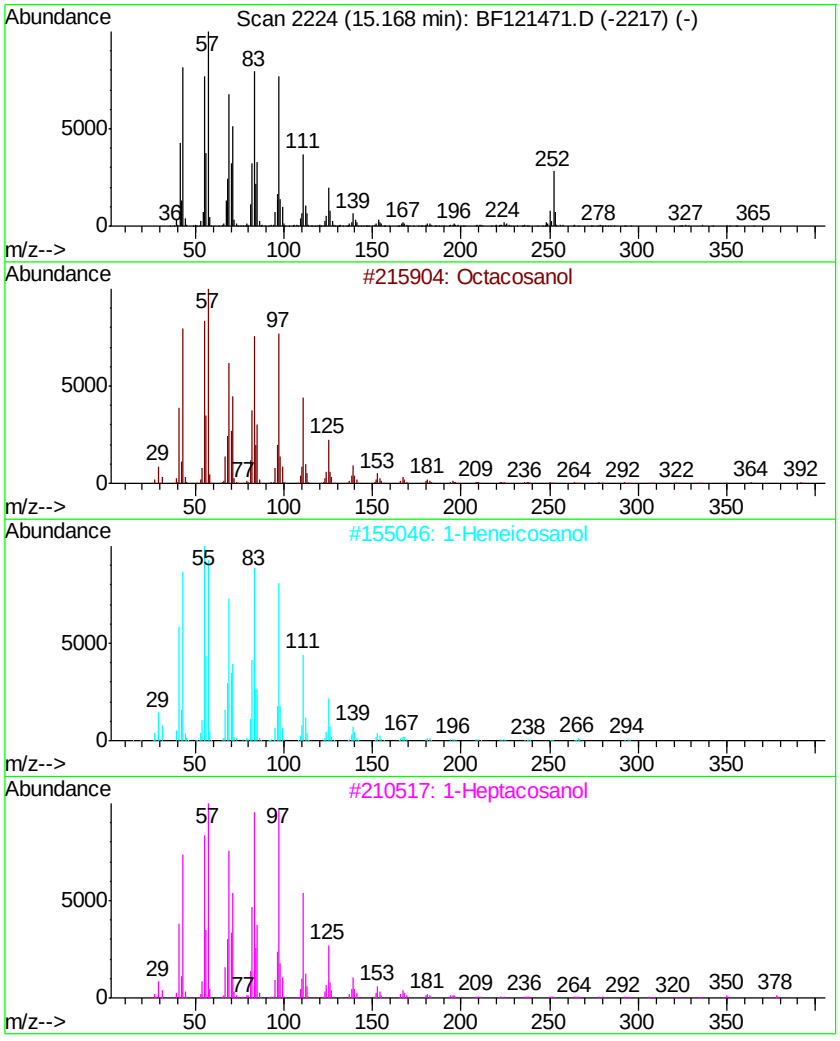
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

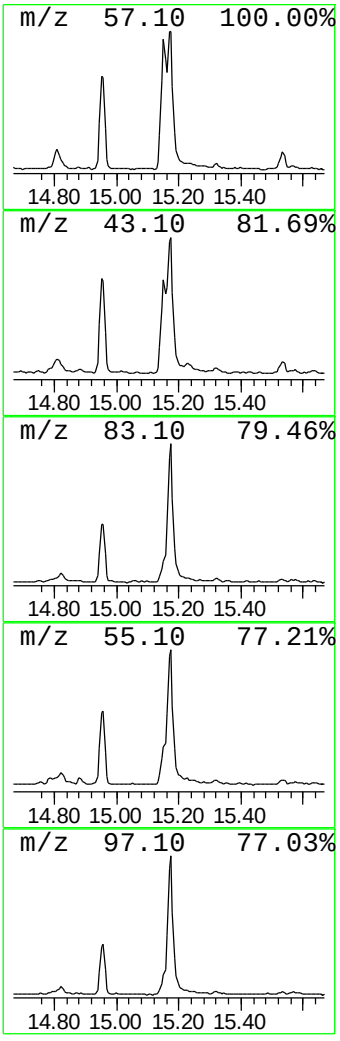
****

Peak Number 8 Octacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	25.64 ng	2501290	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	1-Heptacosanol	396	C27H56O	002004-39-9	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121471.D
Acq On : 28 Aug 2020 21:05
Operator : JU/CG
Sample : L3837-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP06-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

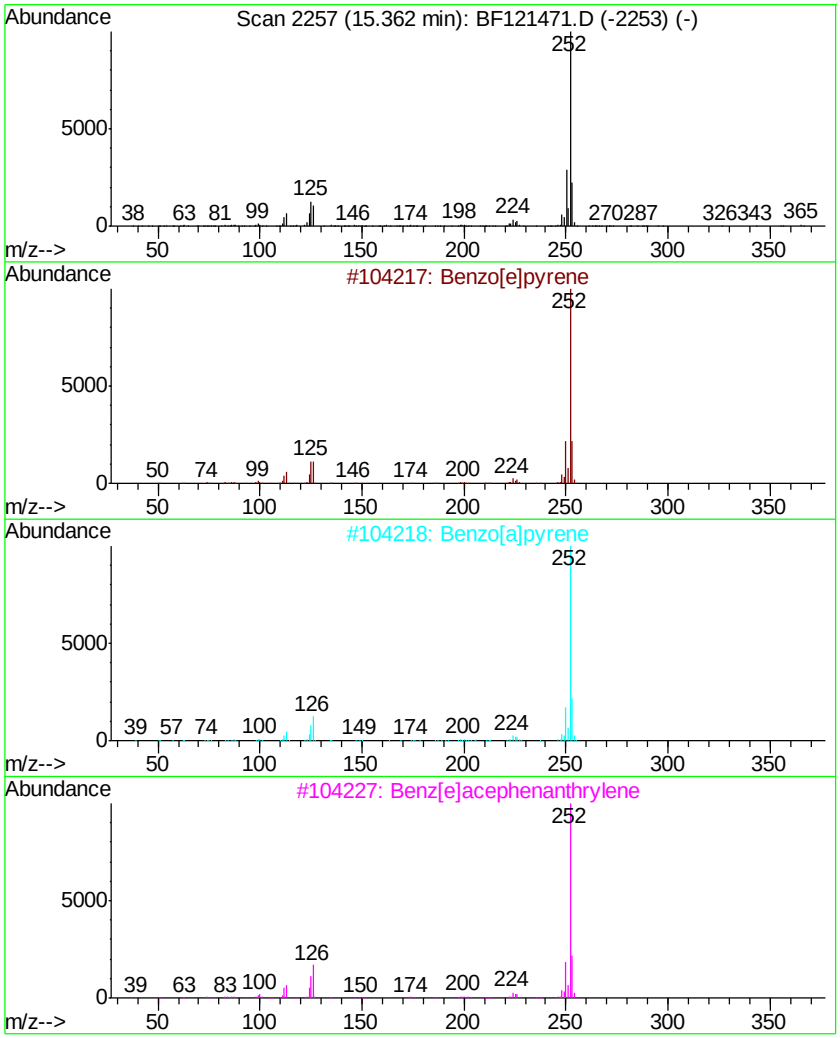
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

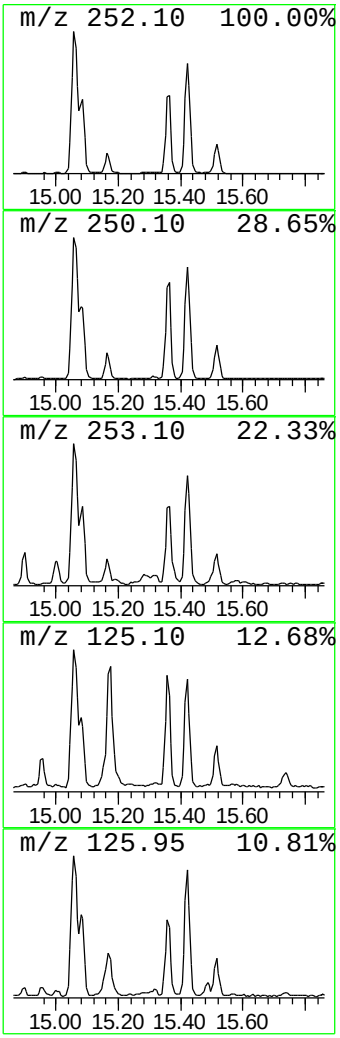
****

Peak Number 9 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	5.08 ng	495866	Perylene-d12	15.49

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	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Perylene	252	C20H12	000198-55-0	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121471.D
Acq On : 28 Aug 2020 21:05
Operator : JU/CG
Sample : L3837-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP06-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

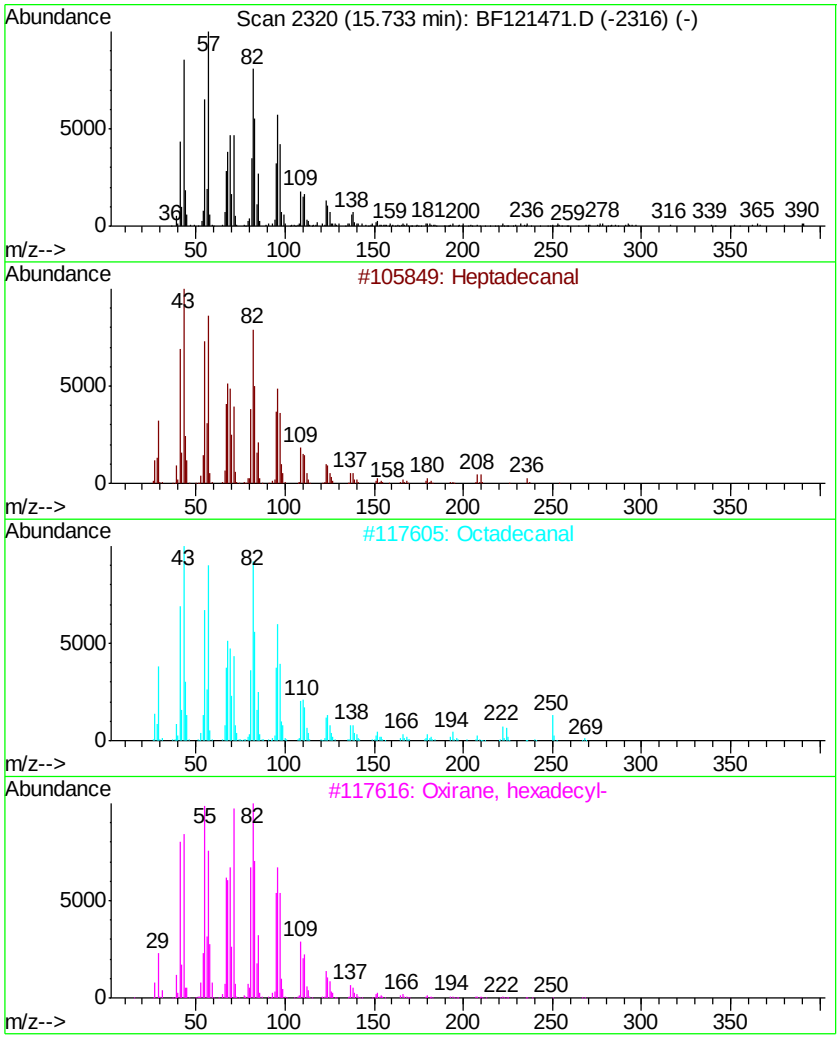
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

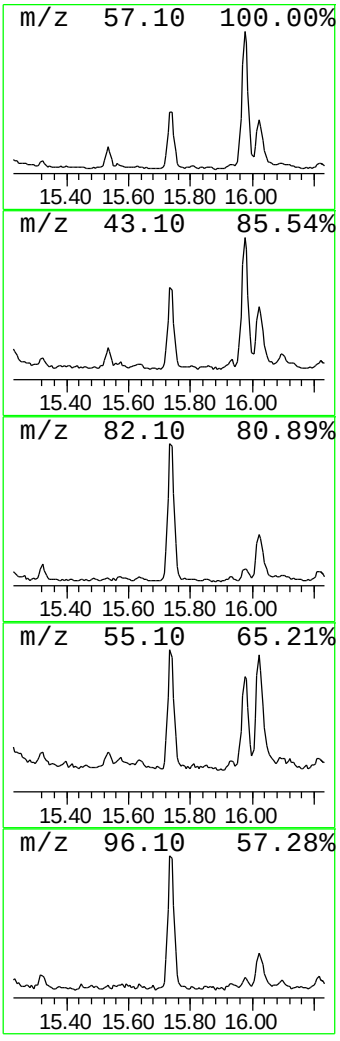
****

Peak Number 10 Heptadecanal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	6.70 ng	653985	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanal	254	C17H34O	1000376-70-0	91
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
5	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121471.D
Acq On : 28 Aug 2020 21:05
Operator : JU/CG
Sample : L3837-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP06-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

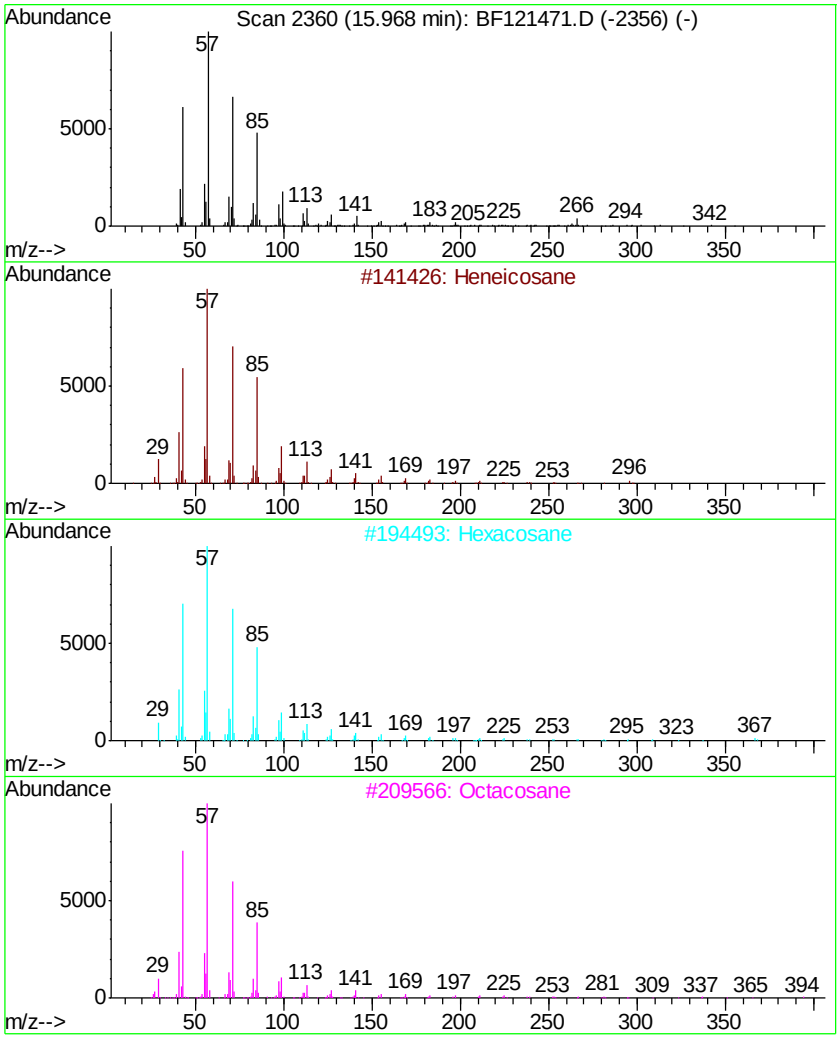
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

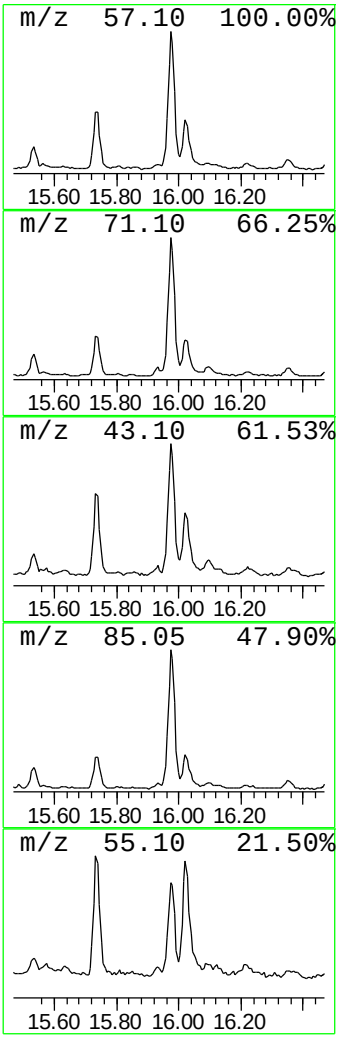
****

Peak Number 11 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	7.56 ng	736990	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octacosane	394	C28H58	000630-02-4	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Docosane	310	C22H46	000629-97-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121471.D
Acq On : 28 Aug 2020 21:05
Operator : JU/CG
Sample : L3837-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP06-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

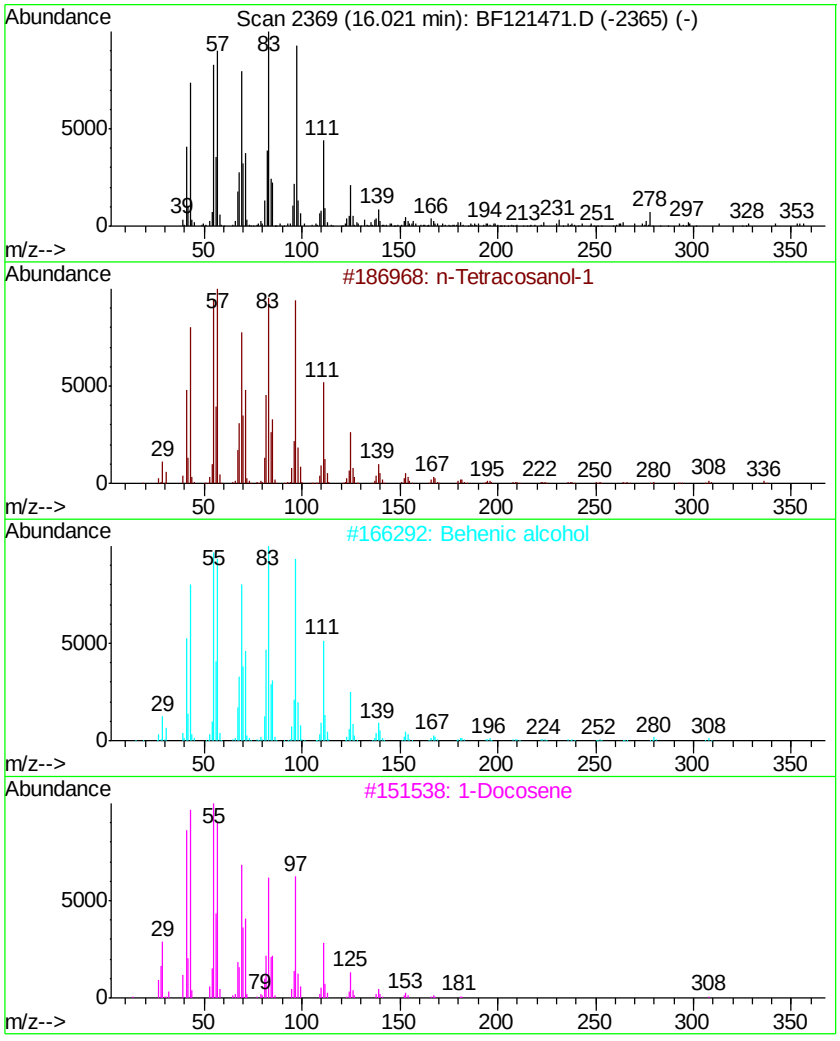
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

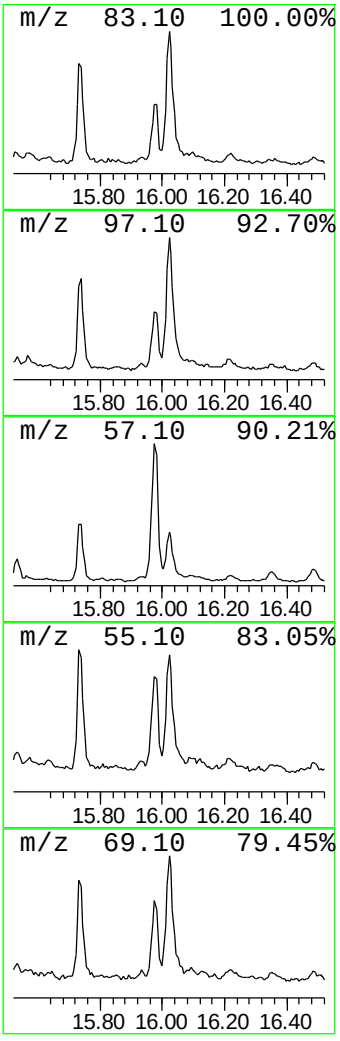
****

Peak Number 12 n-Tetracosanol-1 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	6.37 ng	621417	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	1-Docosene	308	C22H44	001599-67-3	64
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	62
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121471.D
Acq On : 28 Aug 2020 21:05
Operator : JU/CG
Sample : L3837-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP06-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

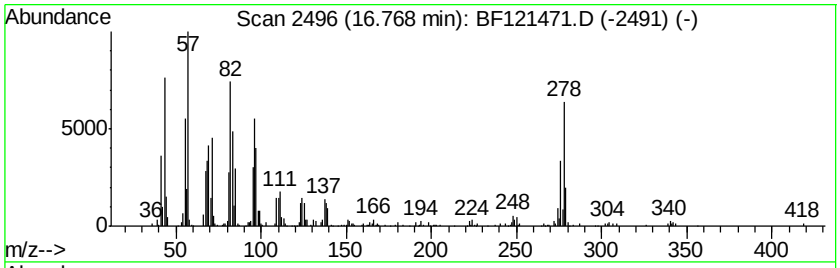
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

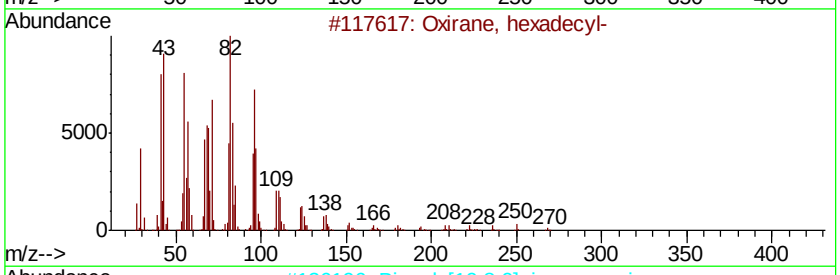
****

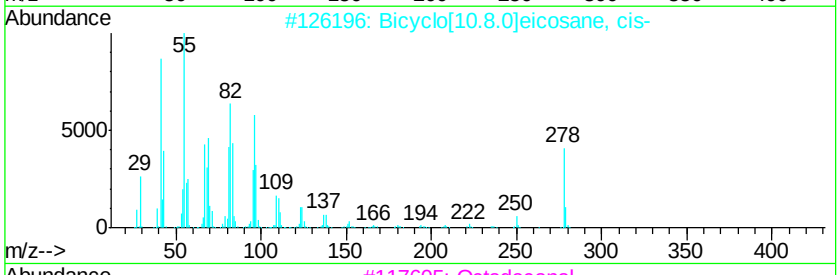
Peak Number 13 Oxirane, hexadecyl- Concentration Rank 12

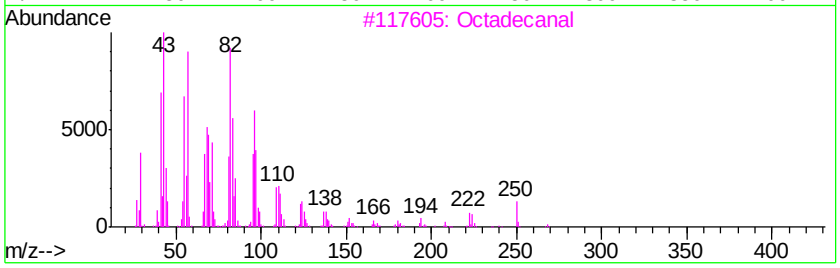
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	6.85 ng	667845	Perylene-d12	15.49

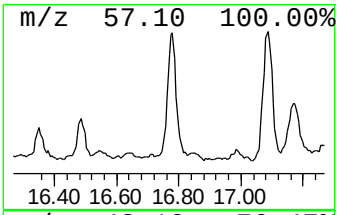
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	89
2	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	64
3	Octadecanal	268	C18H36O	000638-66-4	55
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	46
5	E-2-Tetradecen-1-ol	212	C14H28O	1000130-83-7	46

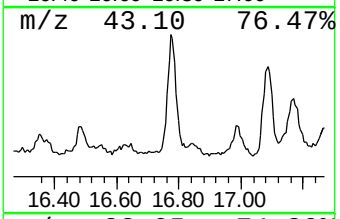


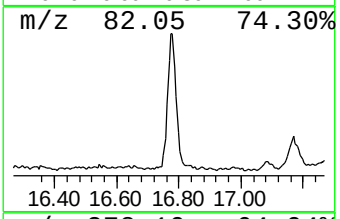


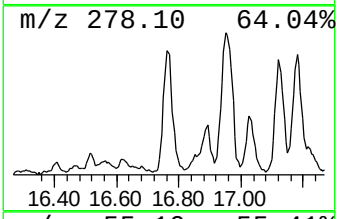


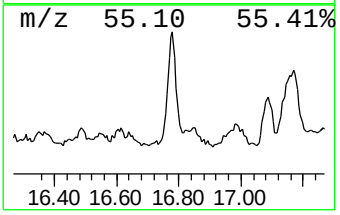












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121471.D
Acq On : 28 Aug 2020 21:05
Operator : JU/CG
Sample : L3837-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP06-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

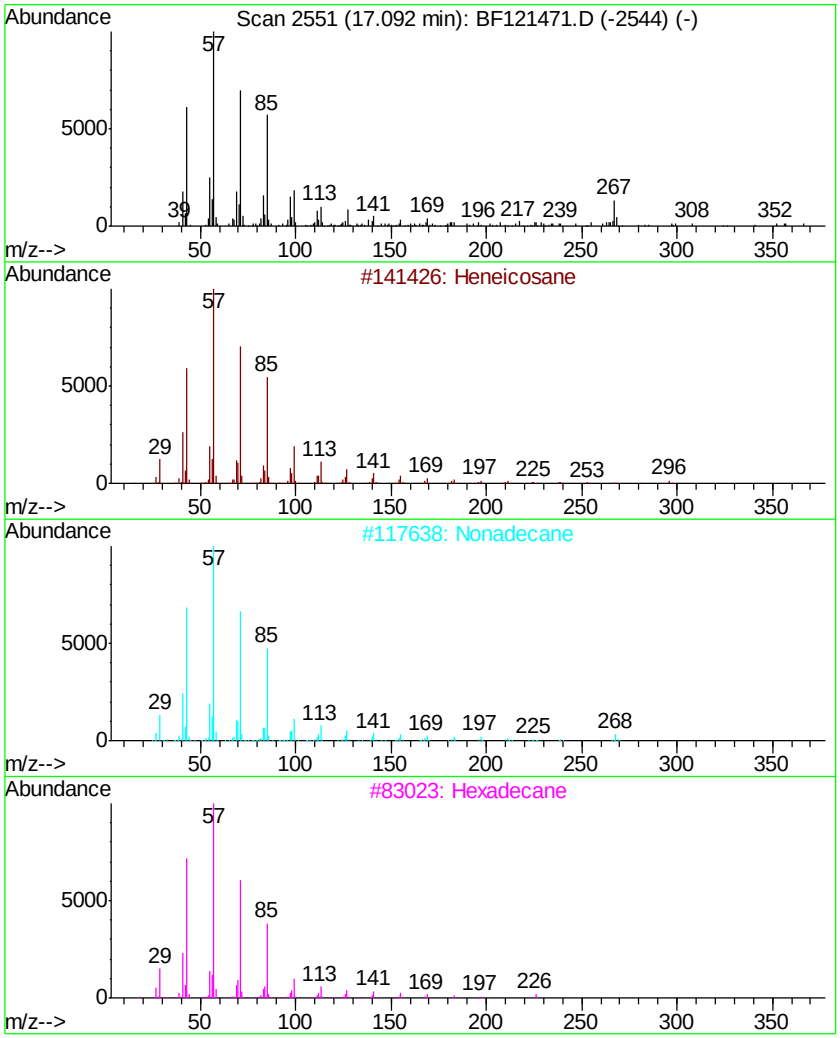
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

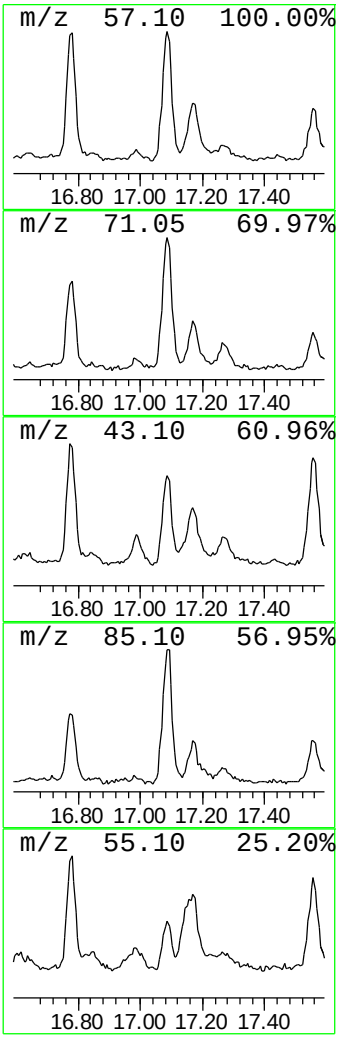
****

Peak Number 14 Nonadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.09	3.67 ng	357819	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Nonadecane	268	C19H40	000629-92-5	97
3	Hexadecane	226	C16H34	000544-76-3	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	81
5	Hexacosane	366	C26H54	000630-01-3	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121471.D
Acq On : 28 Aug 2020 21:05
Operator : JU/CG
Sample : L3837-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP06-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

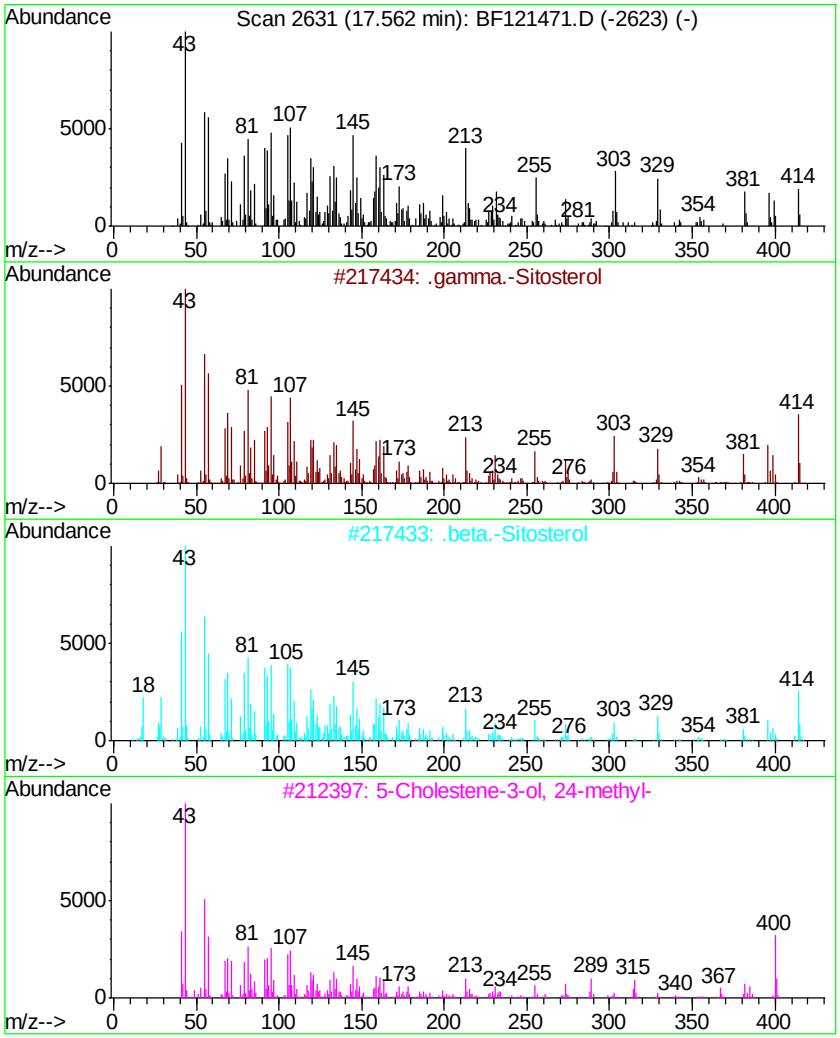
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

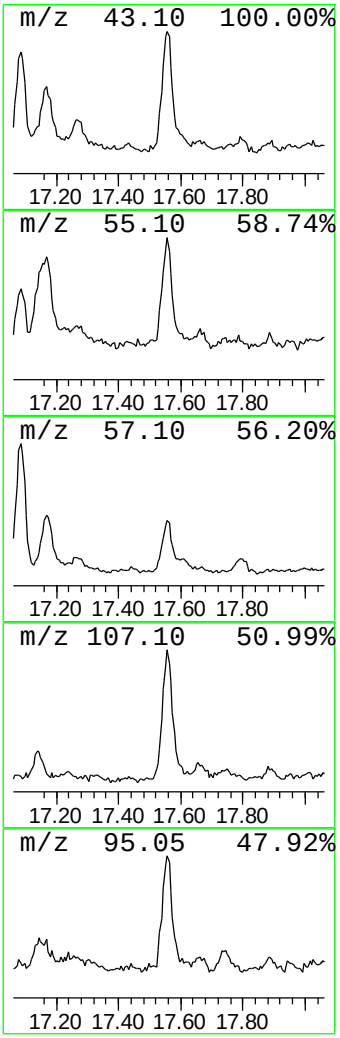
****

Peak Number 15 .gamma.-Sitosterol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	9.98 ng	973969	Perylene-d12	15.49

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	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	49
4	Campesterol	400	C28H48O	000474-62-4	49
5	Isocholesteryl methyl ether	400	C28H48O	029944-53-4	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121471.D
Acq On : 28 Aug 2020 21:05
Operator : JU/CG
Sample : L3837-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP06-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

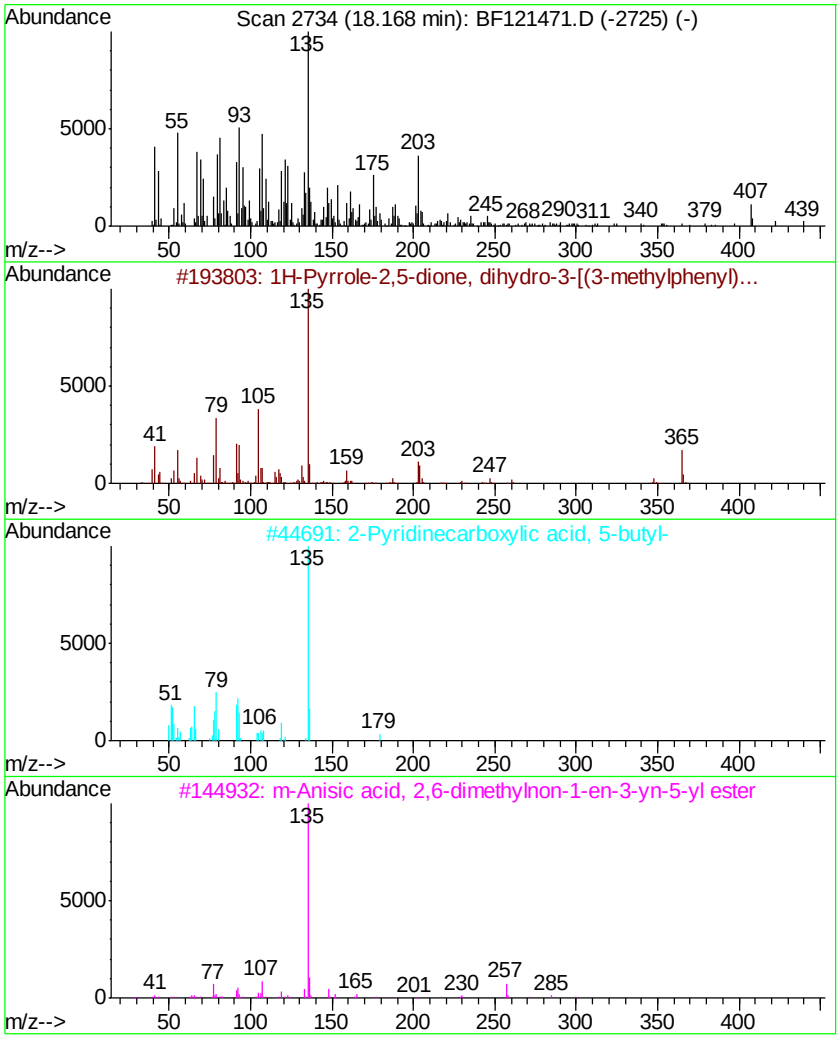
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

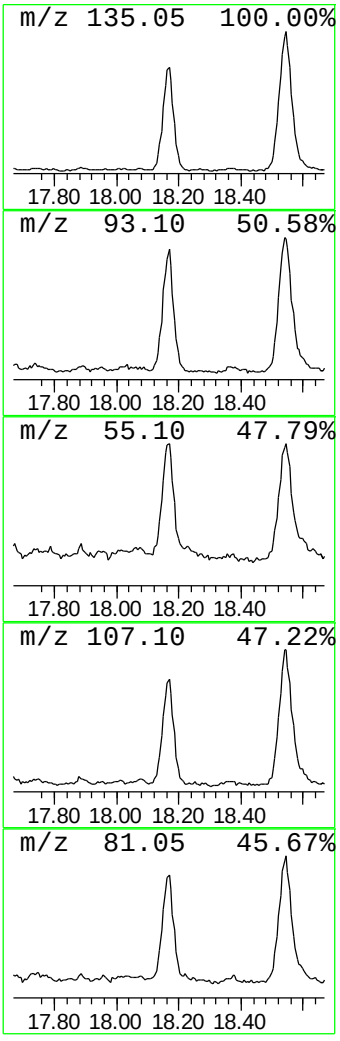
****

Peak Number 16 unknown18.17 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	14.45 ng	1409190	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrole-2,5-dione, dihydro-3-...	365	C24H31NO2	1000351-60-4	38
2	2-Pyridinecarboxylic acid, 5-butyl-	179	C10H13NO2	000536-69-6	30
3	m-Anisic acid, 2,6-dimethylnon-1...	300	C19H24O3	1000292-59-7	30
4	3-Adamantanecarboxylic acid, phe...	256	C17H20O2	035856-79-2	30
5	Benzamide, N-tetrahydrofurfuryl-...	235	C13H17NO3	1000307-49-3	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121471.D
Acq On : 28 Aug 2020 21:05
Operator : JU/CG
Sample : L3837-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP06-0006-01

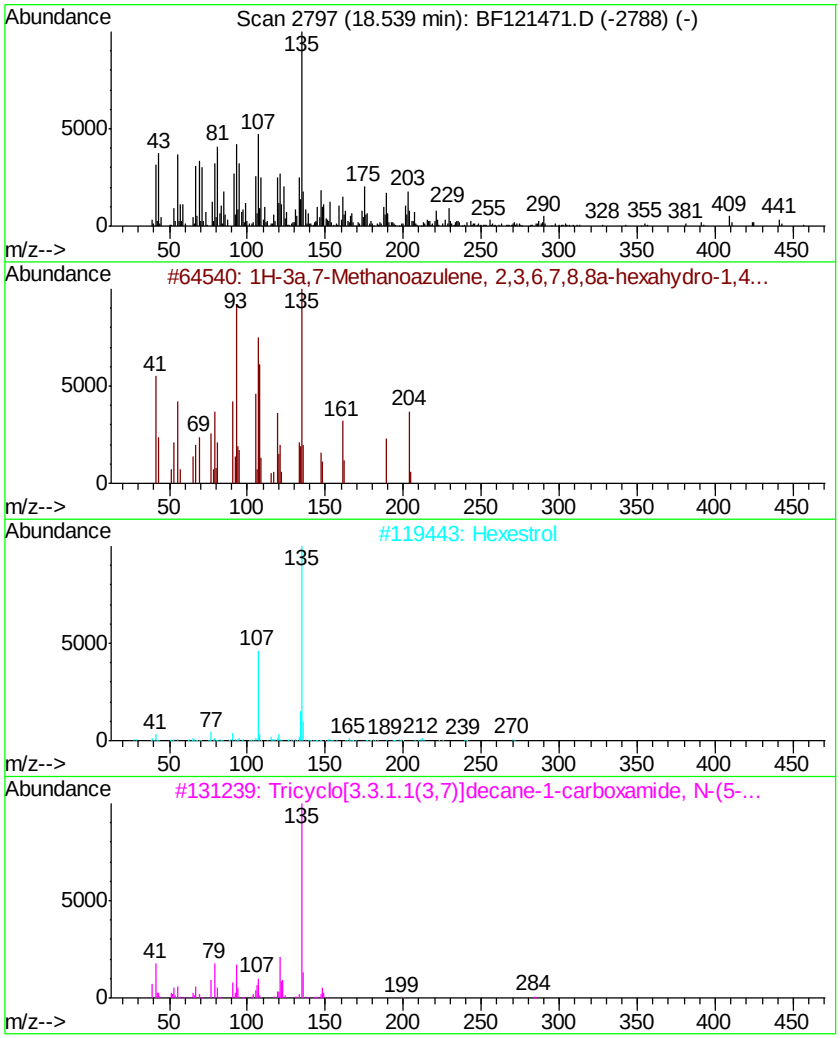
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

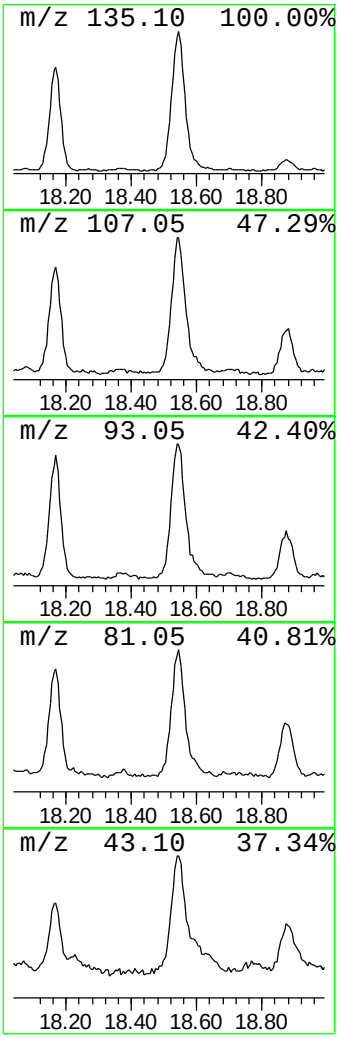
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1H-3a,7-Methanoazulene, 2,3... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	20.72 ng	2021220	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	53
2	Hexestrol	270	C18H22O2	000084-16-2	43
3	Tricyclo[3.3.1.1(3,7)]decane-1-c...	284	C18H24N2O	1000319-87-4	38
4	Adamantane-1-carboxylic acid, (4...	304	C15H20N4O3	1000305-04-4	38
5	3-Fluorobenzoic acid, 1-adamanty...	288	C18H21FO2	1000283-01-3	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121471.D
Acq On : 28 Aug 2020 21:05
Operator : JU/CG
Sample : L3837-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP06-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

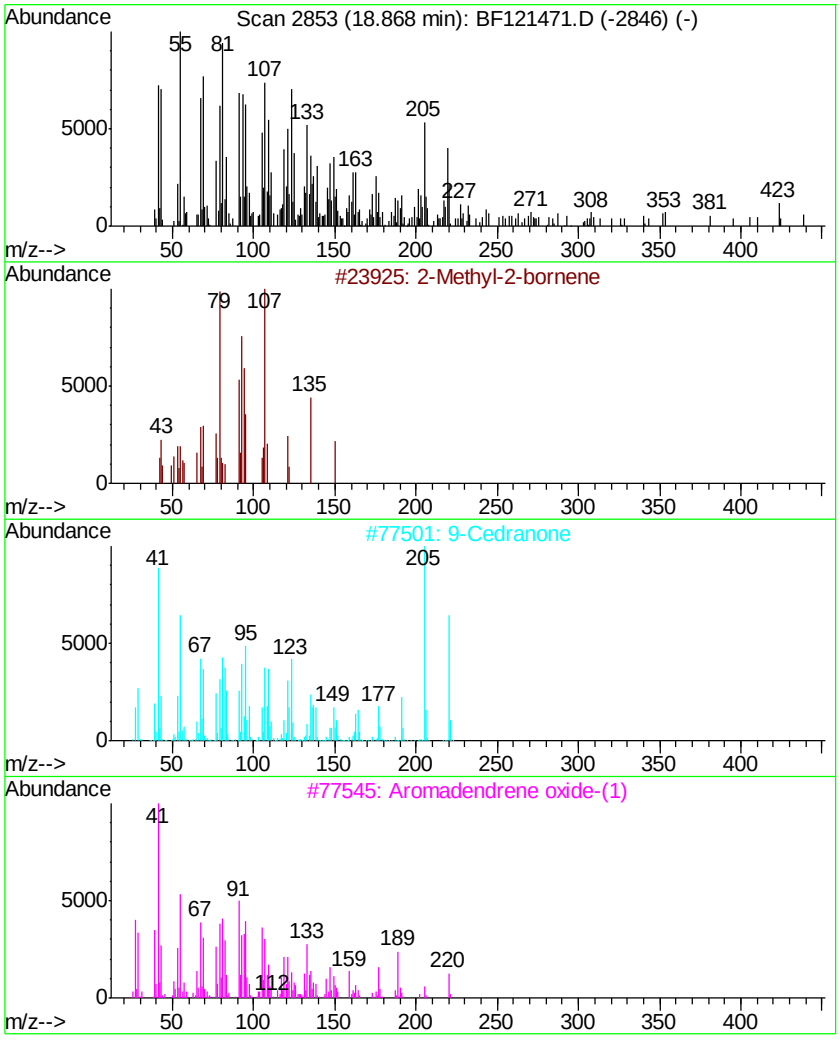
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

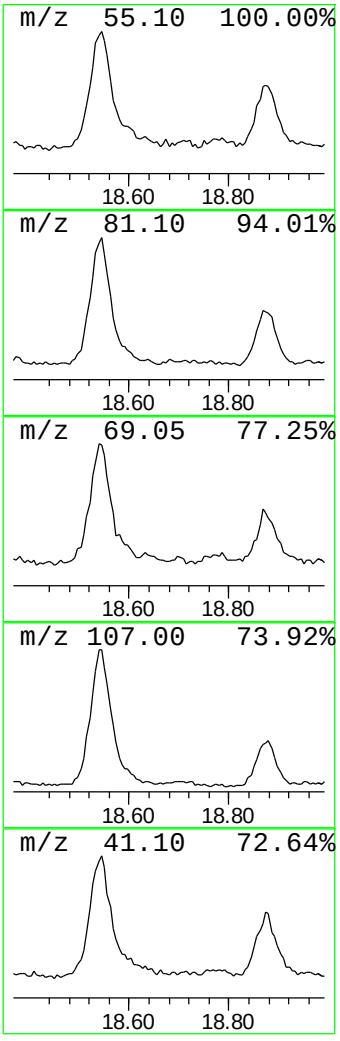
****

Peak Number 18 2-Methyl-2-bornene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	7.85 ng	765874	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-2-bornene	150	C11H18	072540-93-3	50
2	9-Cedranone	220	C15H24O	1000156-23-2	49
3	Aromadendrene oxide-(1)	220	C15H24O	1000151-98-4	42
4	Isoaromadendrene epoxide	220	C15H24O	1000159-36-6	38
5	Calarene epoxide	220	C15H24O	1000151-46-0	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082820\
Data File : BF121471.D
Acq On : 28 Aug 2020 21:05
Operator : JU/CG
Sample : L3837-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP06-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.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-methoxy...	2.17	29.8	ng	2752950	1	6.86	1845470	20.0
n-Hexadecanoic acid	11.92	10.5	ng	1625820	4	11.38	3085260	20.0
Octadecanoic acid	12.70	3.0	ng	462502	4	11.38	3085260	20.0
5-Eicosene, (E)-	13.86	12.0	ng	1893390	5	14.02	3162880	20.0
Nonadecyl trifluo...	14.50	8.7	ng	1377080	5	14.02	3162880	20.0
Squalene	14.89	2.6	ng	252509	6	15.49	1950880	20.0
Octadecanal	14.96	10.9	ng	1060950	6	15.49	1950880	20.0
Octacosanol	15.17	25.6	ng	2501290	6	15.49	1950880	20.0
Benzo[e]pyrene	15.36	5.1	ng	495866	6	15.49	1950880	20.0
Heptadecanal	15.73	6.7	ng	653985	6	15.49	1950880	20.0
Heneicosane	15.97	7.6	ng	736990	6	15.49	1950880	20.0
n-Tetracosanol-1	16.02	6.4	ng	621417	6	15.49	1950880	20.0
Oxirane, hexadecyl-	16.77	6.8	ng	667845	6	15.49	1950880	20.0
Nonadecane	17.09	3.7	ng	357819	6	15.49	1950880	20.0
.gamma.-Sitosterol	17.56	10.0	ng	973969	6	15.49	1950880	20.0
unknown18.17	18.17	14.4	ng	1409190	6	15.49	1950880	20.0
1H-3a,7-Methanoaz...	18.54	20.7	ng	2021220	6	15.49	1950880	20.0
2-Methyl-2-bornene	18.87	7.8	ng	765874	6	15.49	1950880	20.0