LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120518.D
Acq On : 3 Jun 2020 19:15
Operator : JU/CG
Sample : L2839-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM21-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	1.951	9	11	19	rBV	329372	394617	13.51%	1.248%
2	2.010	19	21	29	rVB2	35956	45318	1.55%	0.143%
3	2.087	29	34	43	rVB	898052	1087121	37.21%	3.438%
4	5.451	602	606	610	rBV	2068294	2021220	69.18%	6.392%
5	6.469	774	779	782	rBV	2091750	2142185	73.32%	6.775%
6	6.833	837	841	844	rBV	1068279	834406	28.56%	2.639%
7	6.992	863	868	871	rBV	2363314	2032452	69.56%	6.428%
8	7.398	931	937	940	rBV	1644275	1550460	53.07%	4.904%
9	8.116	1054	1059	1062	rBV	1307402	1060665	36.30%	3.355%
10	9.192	1237	1242	1245	rBV	3424413	2921797	100.00%	9.241%
11	9.586	1305	1309	1313	rVB	385419	337929	11.57%	1.069%
12	9.874	1352	1358	1361	rBV	1231019	1188259	40.67%	3.758%
13	9.904	1361	1363	1365	rVB	56482	42603	1.46%	0.135%
14	10.416	1447	1450	1454	rBV	58852	47343	1.62%	0.150%
15	10.657	1487	1491	1495	rBV	1651301	1586974	54.31%	5.019%
16	11.098	1561	1566	1571	rBV4	23593	33321	1.14%	0.105%
17	11.304	1597	1601	1604	rBV	39301	38324	1.31%	0.121%
18	11.357	1604	1610	1612	rVV	1266246	1073329	36.74%	3.395%
19	11.380	1612	1614	1617	rVV	569066	413916	14.17%	1.309%
20	11.427	1620	1622	1626	rVB	83925	73309	2.51%	0.232%
21	11.586	1644	1649	1652	rBV2	45078	56951	1.95%	0.180%
22	11.815	1683	1688	1691	rBV	52196	61841	2.12%	0.196%
23	11.857	1691	1695	1697	rVV2	76338	87270	2.99%	0.276%
24	11.886	1697	1700	1704	rVB	199387	173895	5.95%	0.550%
25	11.968	1711	1714	1716	rBV	105847	98140	3.36%	0.310%
26	11.992	1716	1718	1721	rVB	47873	36963	1.27%	0.117%
27	12.151	1742	1745	1747	rBV	50378	45378	1.55%	0.144%
28	12.174	1747	1749	1753	rVB	75266	63725	2.18%	0.202%
29	12.410	1785	1789	1791	rBV	43903	47892	1.64%	0.151%
30	12.486	1800	1802	1805	rBV2	54332	51961	1.78%	0.164%
31	12.551	1809	1813	1814	rBV	293390	251148	8.60%	0.794%
32	12.568	1814	1816	1819	rVB	880219	683849	23.41%	2.163%
33	12.798	1849	1855	1858	rBV	765348	766773	26.24%	2.425%
34	12.845	1861	1863	1868	rVB2	39725	46457	1.59%	0.147%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120518.D
Acq On : 3 Jun 2020 19:15
Operator : JU/CG
Sample : L2839-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM21-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	12.915	1872	1875	1876	rBV	44851	42349	1.45%	0.134%
36	12.945	1876	1880	1883	rVV	3161474	2903008	99.36%	9.181%
37	13.015	1887	1892	1896	rBV2	54316	99128	3.39%	0.314%
38	13.127	1908	1911	1914	rVB	122582	111128	3.80%	0.351%
39	13.174	1914	1919	1920	rBV4	55849	80054	2.74%	0.253%
40	13.192	1920	1922	1924	rVV2	91911	66539	2.28%	0.210%
41	13.227	1924	1928	1931	rVV2	74756	79137	2.71%	0.250%
42	13.321	1942	1944	1947	rVB	47470	36229	1.24%	0.115%
43	13.351	1947	1949	1953	rBV2	48634	42103	1.44%	0.133%
44	13.392	1953	1956	1959	rBV5	37653	37425	1.28%	0.118%
45	13.515	1972	1977	1981	rBV5	60093	102568	3.51%	0.324%
46	13.633	1994	1997	2001	rVB	71701	77239	2.64%	0.244%
47	13.745	2012	2016	2019	rBV3	61373	84894	2.91%	0.268%
48	13.774	2019	2021	2023	rVV	79502	66695	2.28%	0.211%
49	13.798	2023	2025	2029	rVV2	58725	87604	3.00%	0.277%
50	13.845	2029	2033	2040	rVB2	322076	402990	13.79%	1.275%
51	13.998	2051	2059	2061	rBV2	1369601	1641682	56.19%	5.192%
52	14.021	2061	2063	2066	rVB	359604	274342	9.39%	0.868%
53	14.104	2074	2077	2080	rVB	59488	50656	1.73%	0.160%
54	14.162	2084	2087	2089	rBV	64980	60354	2.07%	0.191%
55	14.380	2122	2124	2127	rVB	61926	51745	1.77%	0.164%
56	14.415	2128	2130	2133	rVB2	40783	38703	1.32%	0.122%
57	14.468	2136	2139	2140	rBV	147998	141076	4.83%	0.446%
58	14.768	2188	2190	2193	rVB	82955	73420	2.51%	0.232%
59	14.915	2212	2215	2218	rBV2	72344	74219	2.54%	0.235%
60	15.027	2230	2234	2237	rBV	295886	442083	15.13%	1.398%
61	15.104	2244	2247	2250	rBV	199970	225919	7.73%	0.715%
62	15.139	2250	2253	2260	rVB2	116197	210794	7.21%	0.667%
63	15.327	2282	2285	2290	rVB	190772	230283	7.88%	0.728%
64	15.386	2291	2295	2301	rBV	250477	290368	9.94%	0.918%
65	15.451	2302	2306	2310	rVV	782956	1031649	35.31%	3.263%
66	15.480	2310	2311	2318	rVB2	144003	136169	4.66%	0.431%
67	15.915	2380	2385	2391	rVB	323718	470885	16.12%	1.489%
68	15.986	2393	2397	2402	rVB4	79360	134608	4.61%	0.426%
69	16.698	2514	2518	2526	rVB6	104212	166775	5.71%	0.527%
70	16.892	2546	2551	2555	rBV2	91307	156208	5.35%	0.494%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120518.D
Acq On : 3 Jun 2020 19:15
Operator : JU/CG
Sample : L2839-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM21-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

Sum of corrected areas: 31618819

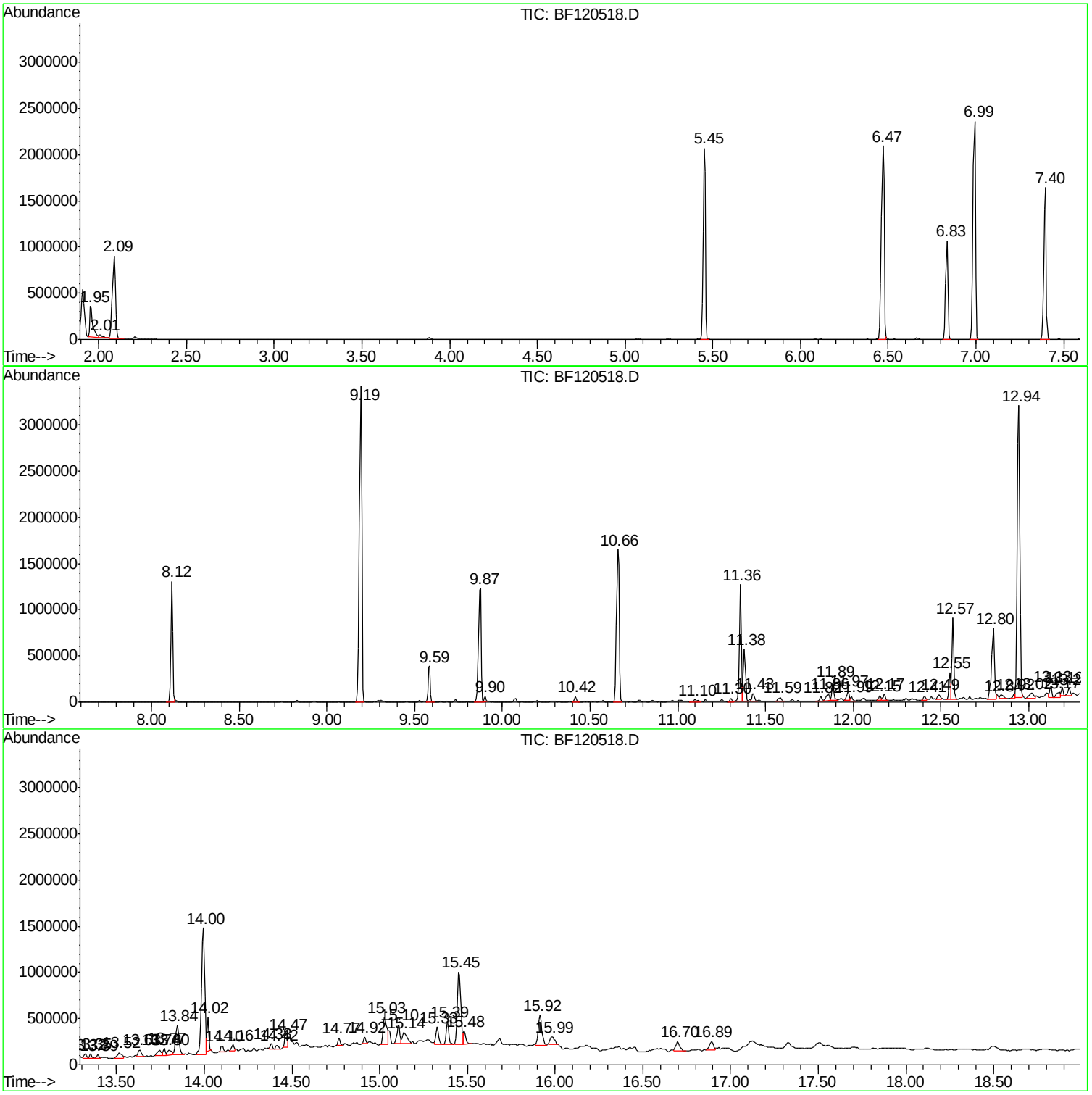
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120518.D
Acq On : 3 Jun 2020 19:15
Operator : JU/CG
Sample : L2839-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM21-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\BF060320\
Data File : BF120518.D
Acq On : 3 Jun 2020 19:15
Operator : JU/CG
Sample : L2839-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM21-COMP-2020-0-6

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

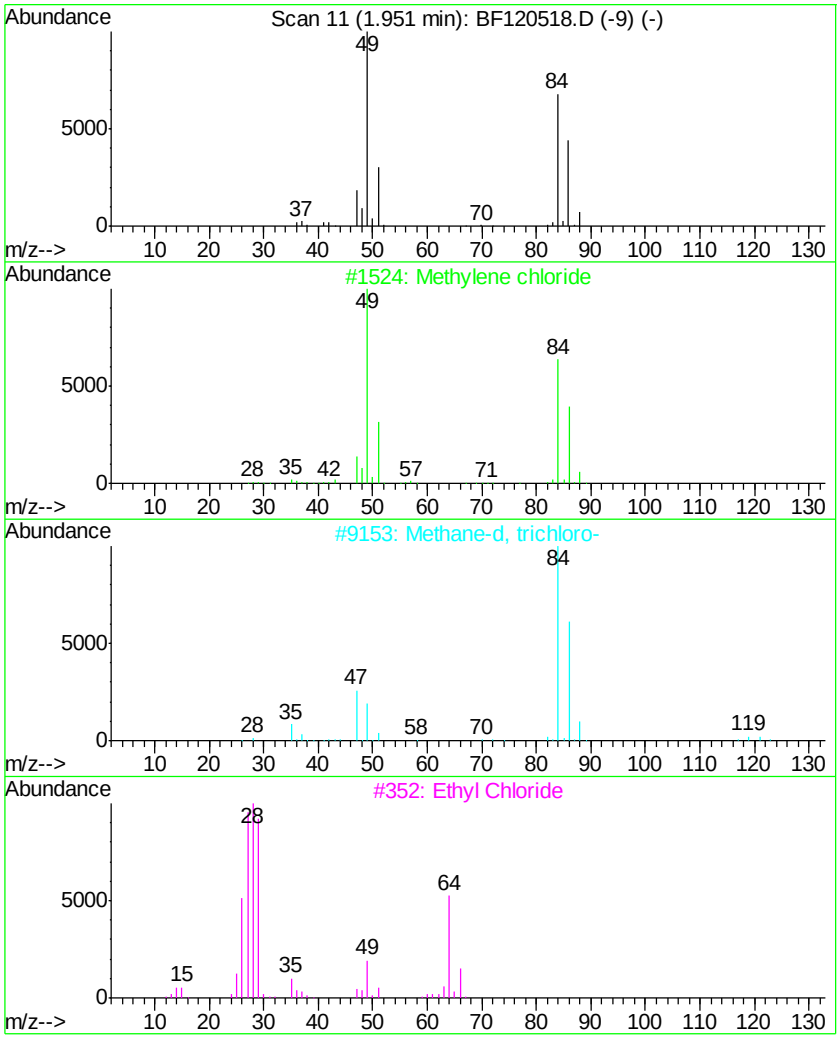
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

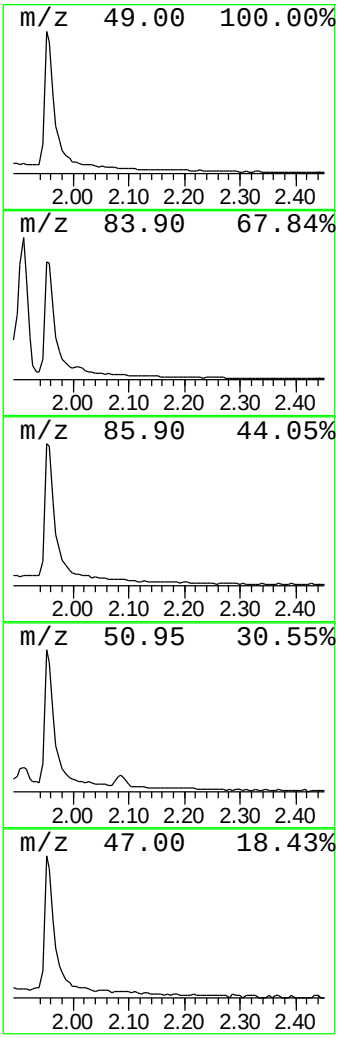
****

Peak Number 1 Methylene chloride Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.95	9.46 ng	394617	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	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\BF060320\
Data File : BF120518.D
Acq On : 3 Jun 2020 19:15
Operator : JU/CG
Sample : L2839-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM21-COMP-2020-0-6

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

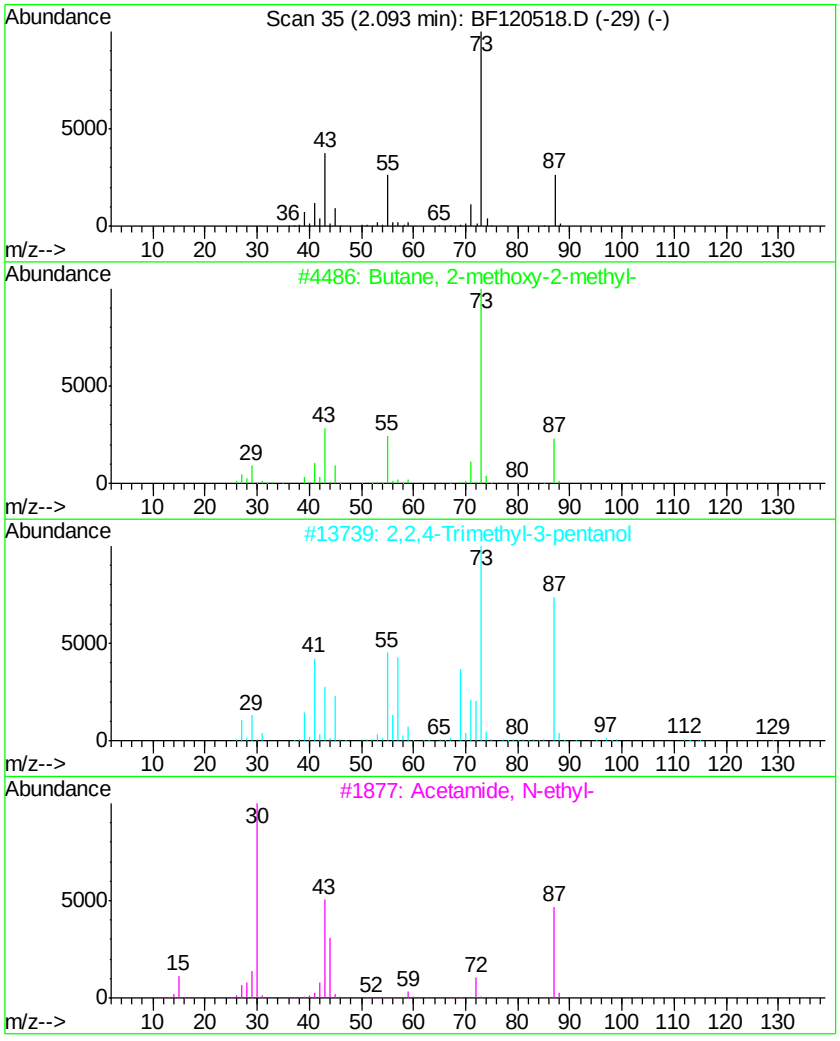
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

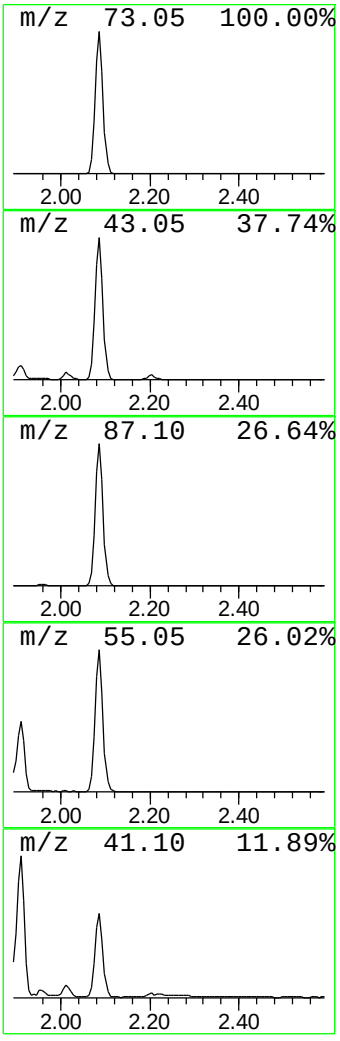
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.09	26.06 ng	1087120	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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120518.D
Acq On : 3 Jun 2020 19:15
Operator : JU/CG
Sample : L2839-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM21-COMP-2020-0-6

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

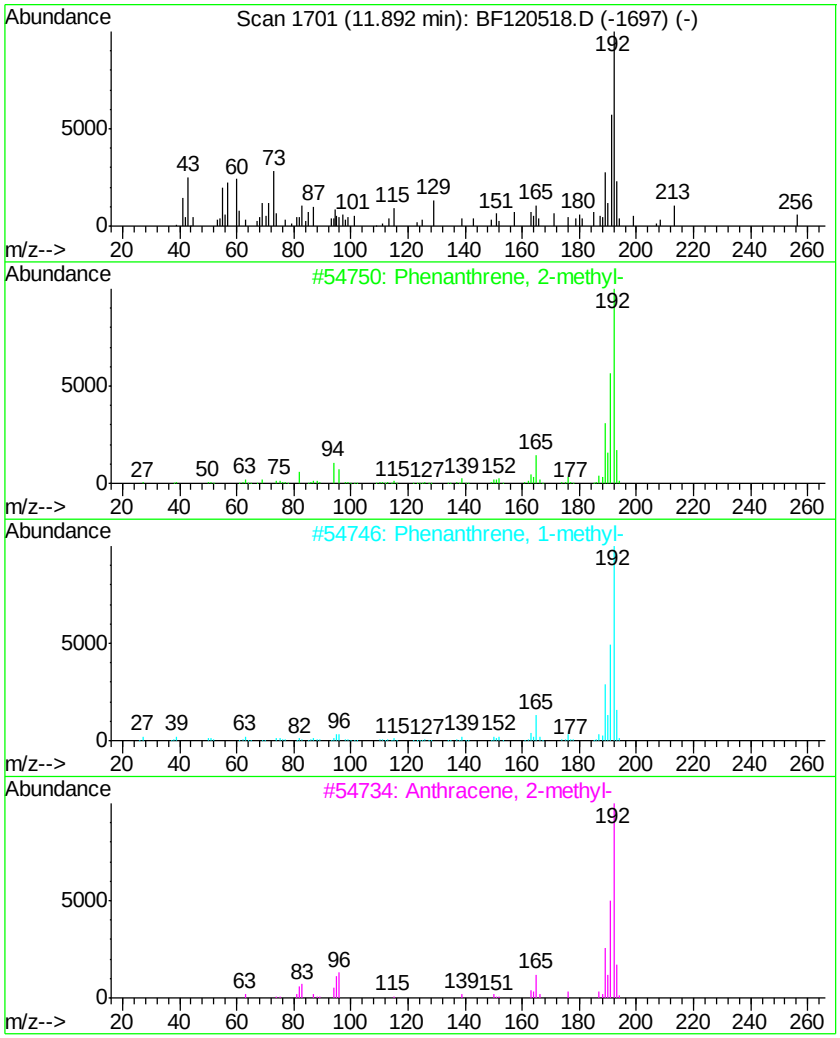
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

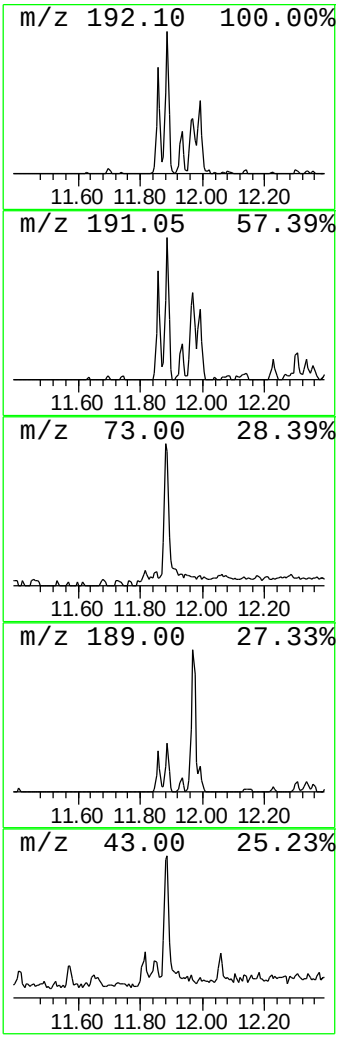
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	3.24 ng	173895	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120518.D
Acq On : 3 Jun 2020 19:15
Operator : JU/CG
Sample : L2839-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM21-COMP-2020-0-6

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

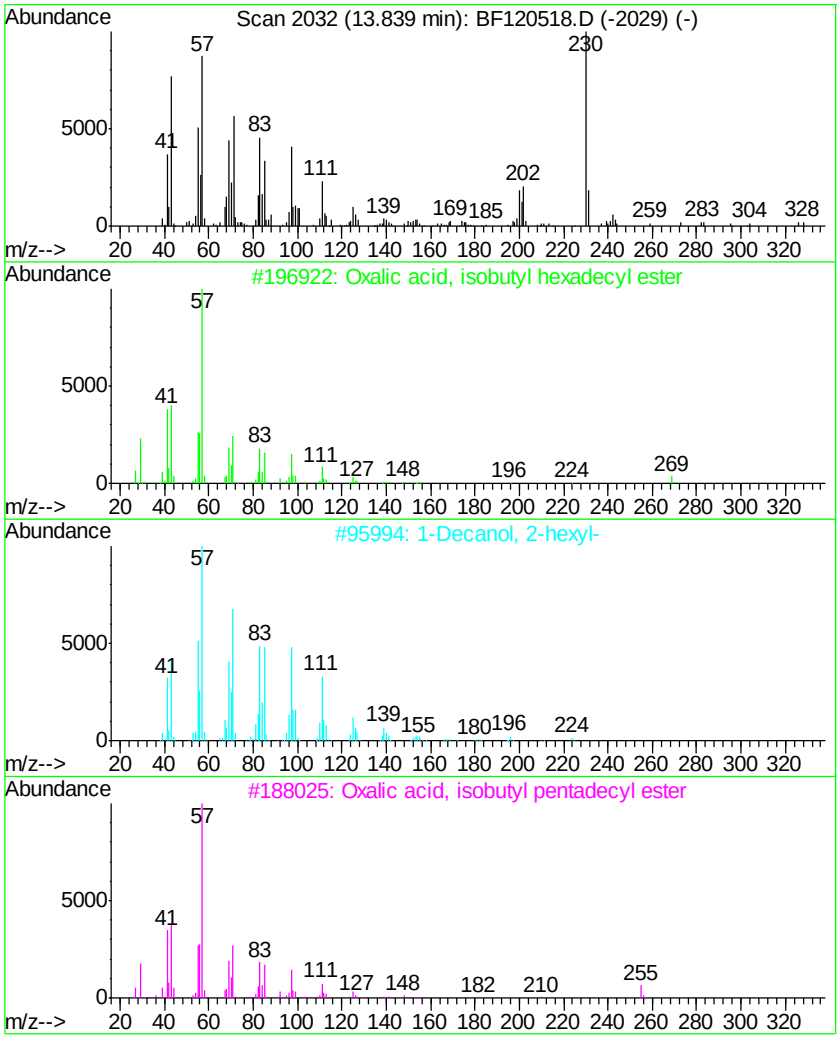
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

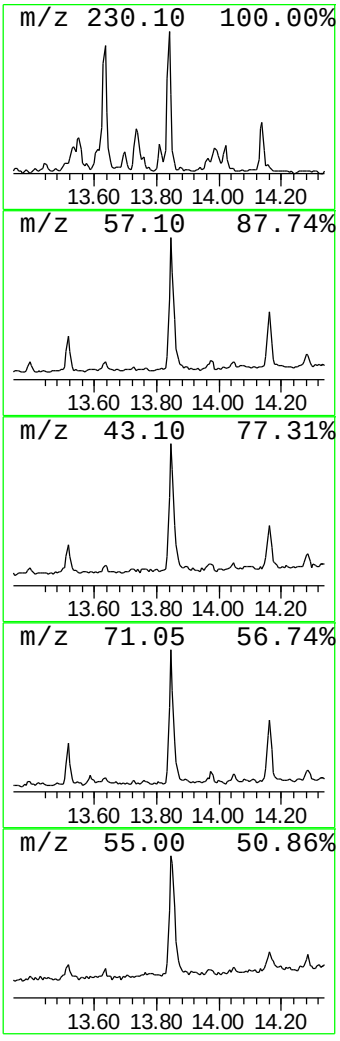
****

Peak Number 5 Oxalic acid, isobutyl hexad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	4.91 ng	402990	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	90
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	87
3	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	87
4	Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	87
5	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	87





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Data File : BF120518.D
Acq On : 3 Jun 2020 19:15
Operator : JU/CG
Sample : L2839-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM21-COMP-2020-0-6

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

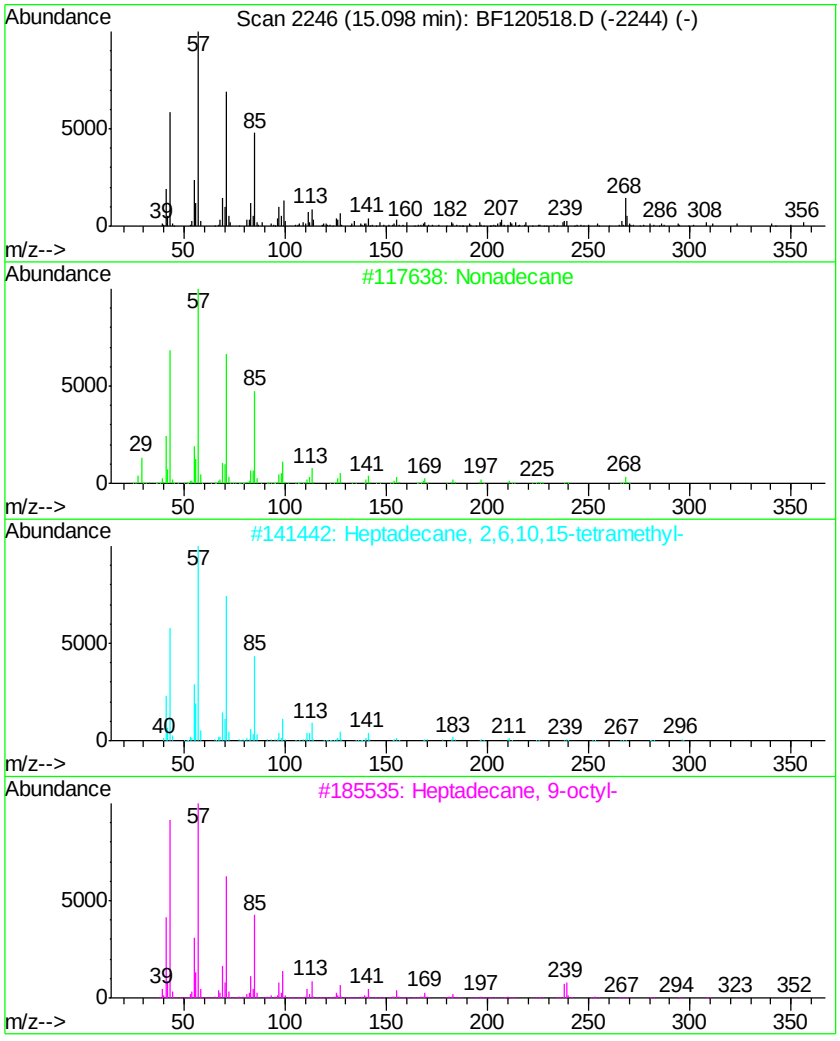
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

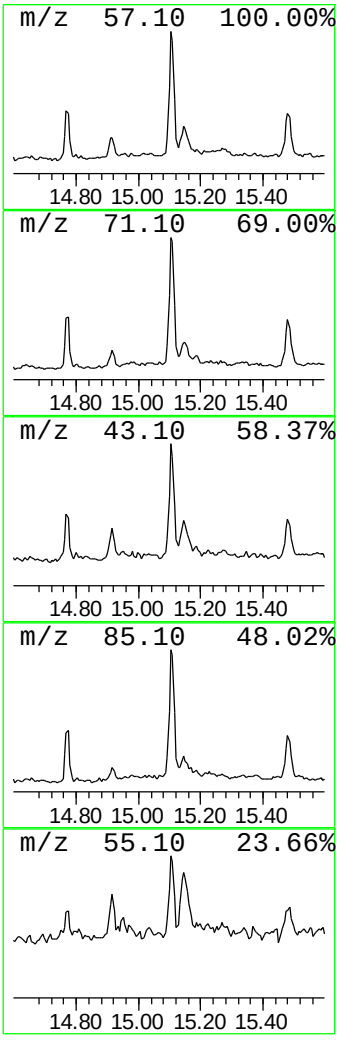
****

Peak Number 6 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	4.38 ng	225919	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
4	Octacosane	394	C28H58	000630-02-4	83
5	Hentriacontane	437	C31H64	000630-04-6	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120518.D
Acq On : 3 Jun 2020 19:15
Operator : JU/CG
Sample : L2839-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM21-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

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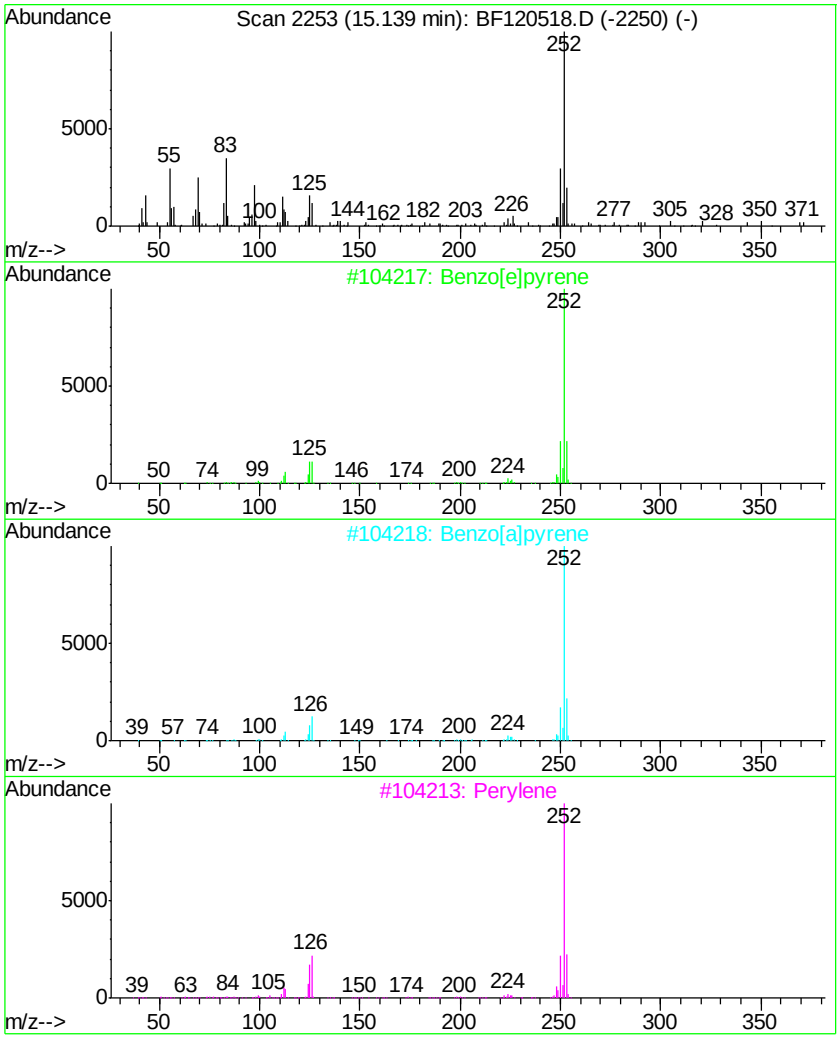
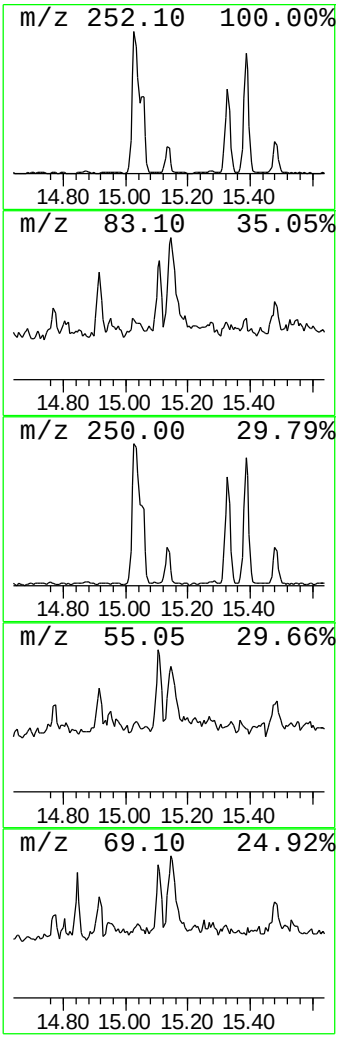
Peak Number 7 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	4.09 ng	210794	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	76
3	Perylene	252	C20H12	000198-55-0	70
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	62
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120518.D
Acq On : 3 Jun 2020 19:15
Operator : JU/CG
Sample : L2839-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM21-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

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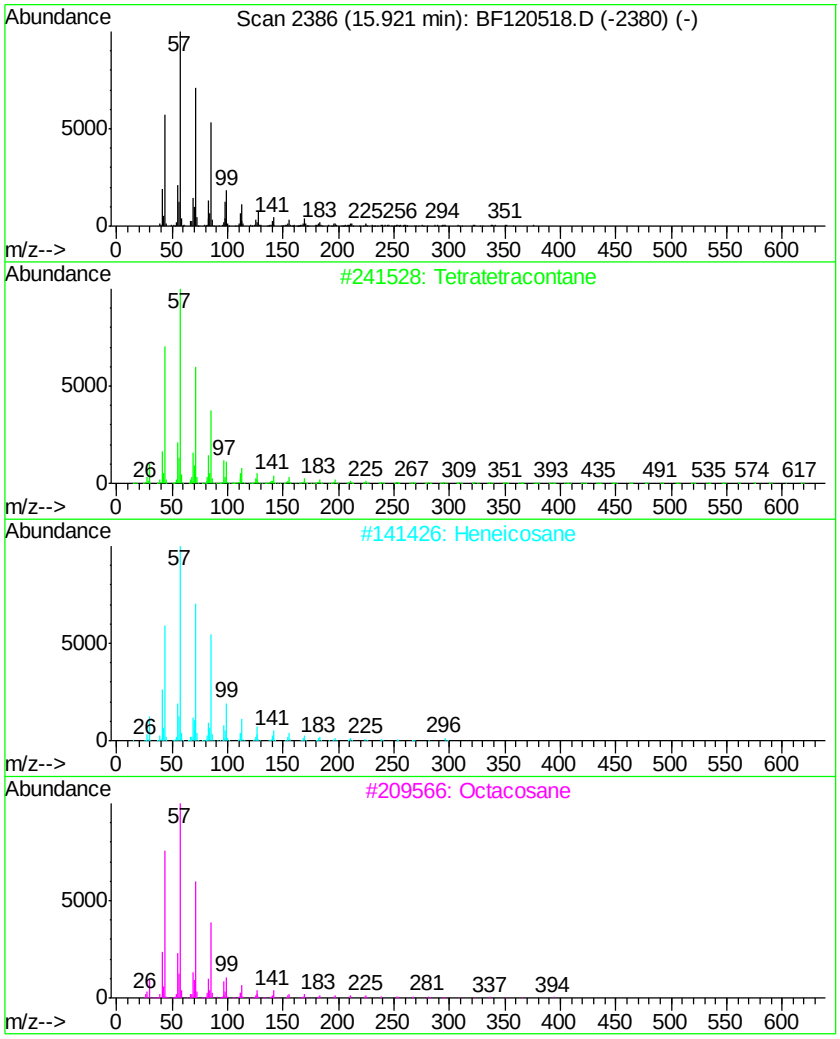
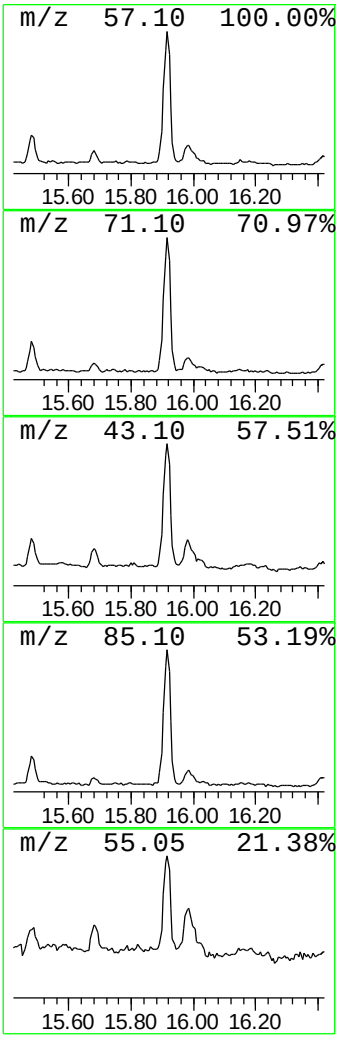
Peak Number 9 Tetratetracontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	9.13 ng	470885	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Tetracosane	338	C24H50	000646-31-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120518.D
Acq On : 3 Jun 2020 19:15
Operator : JU/CG
Sample : L2839-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM21-COMP-2020-0-6

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

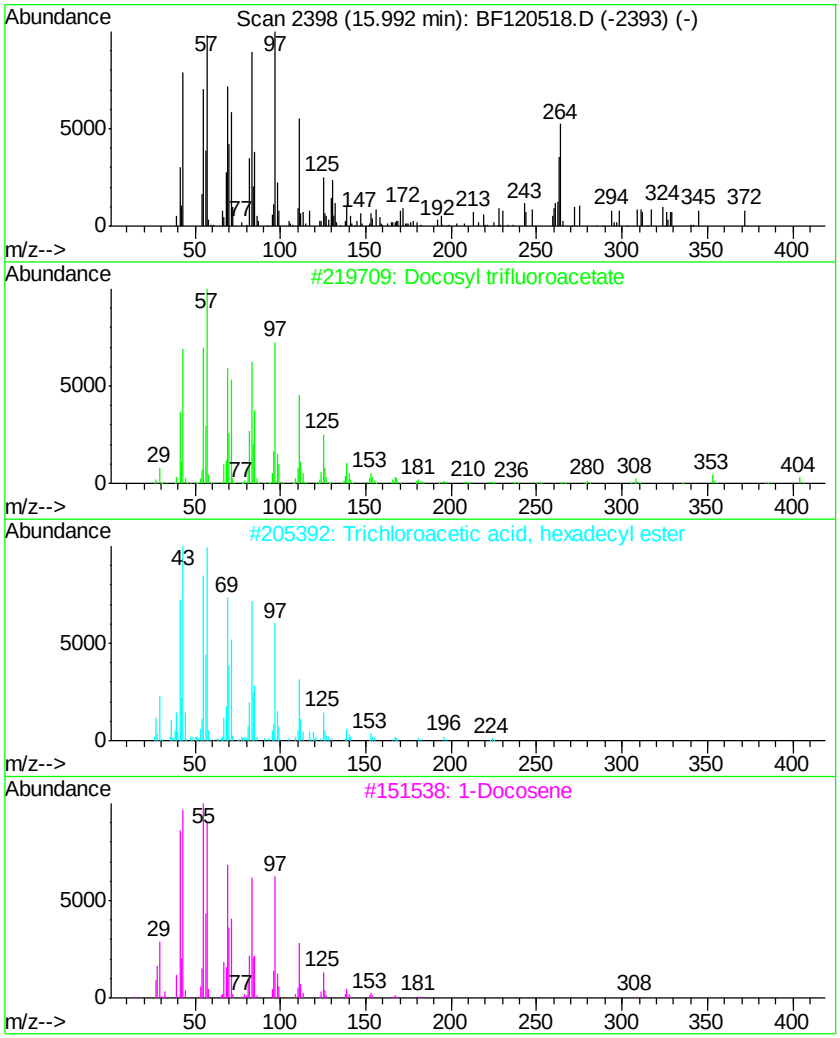
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

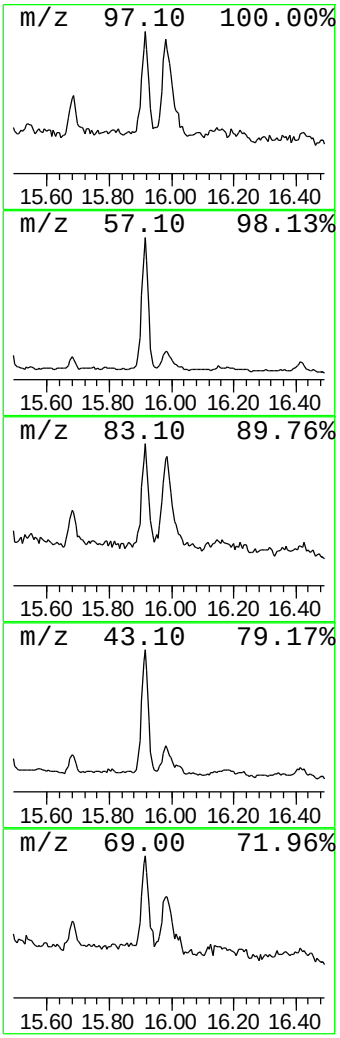
****

Peak Number 10 Docosyl trifluoroacetate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	2.61 ng	134608	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosyl trifluoroacetate	422	C24H45F3O2	1000351-75-5	87
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	83
3	1-Docosene	308	C22H44	001599-67-3	81
4	1-Nonadecene	266	C19H38	018435-45-5	74
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120518.D
Acq On : 3 Jun 2020 19:15
Operator : JU/CG
Sample : L2839-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM21-COMP-2020-0-6

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

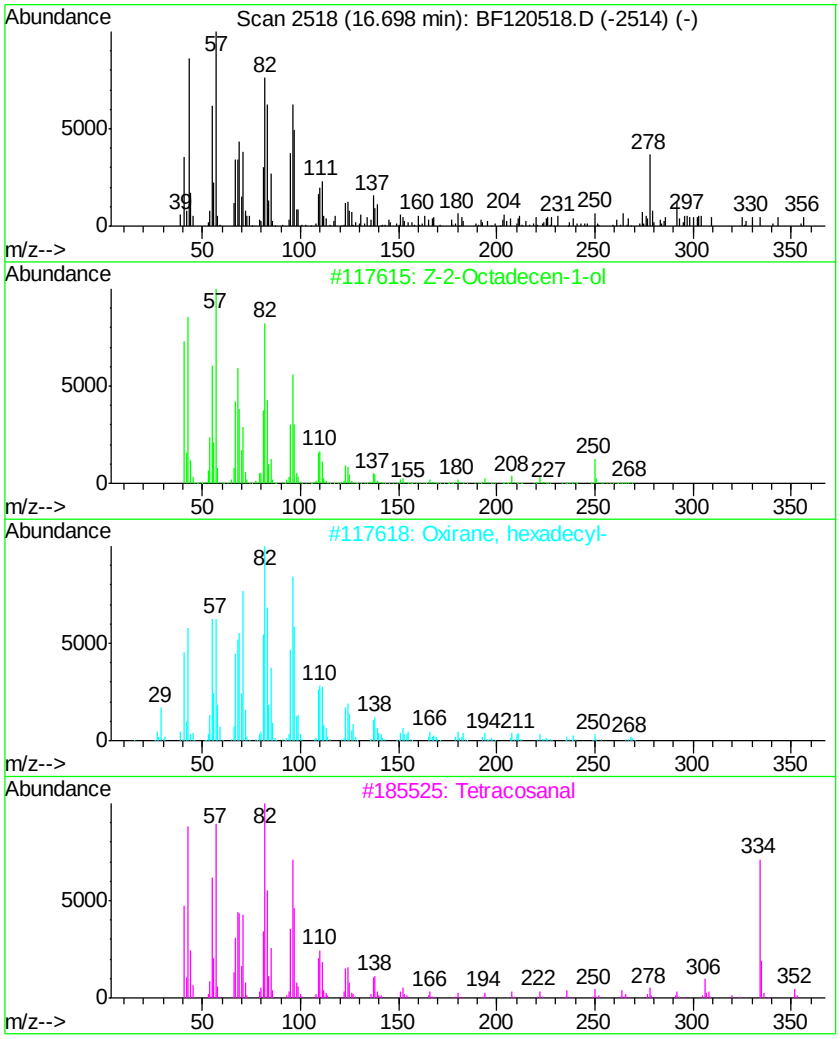
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

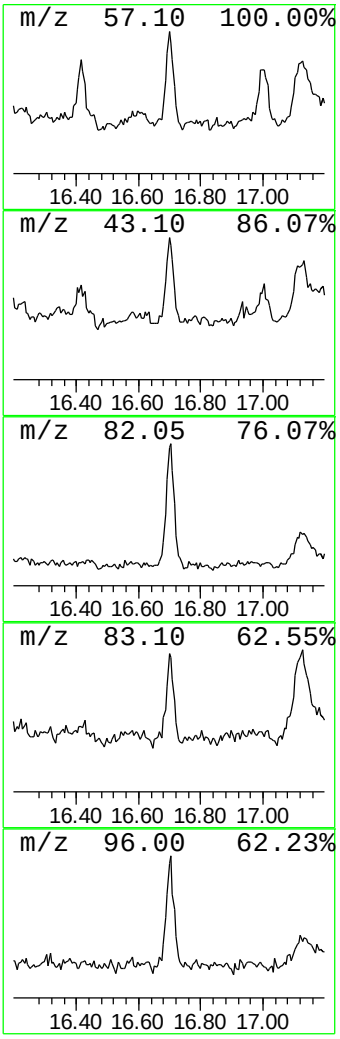
****

Peak Number 11 Z-2-Octadecen-1-ol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	3.23 ng	166775	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	89
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
3	Tetracosanal	352	C24H48O	057866-08-7	87
4	Octadecanal	268	C18H36O	000638-66-4	86
5	9-Octadecen-1-ol, (Z)-	268	C18H36O	000143-28-2	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060320\
Data File : BF120518.D
Acq On : 3 Jun 2020 19:15
Operator : JU/CG
Sample : L2839-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM21-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	9.5	ng	394617	1	6.83	834406	20.0
Butane, 2-methoxy...	2.09	26.1	ng	1087120	1	6.83	834406	20.0
Phenanthrene, 2-m...	11.89	3.2	ng	173895	4	11.36	1073330	20.0
Oxalic acid, isob...	13.84	4.9	ng	402990	5	14.00	1641680	20.0
Nonadecane	15.10	4.4	ng	225919	6	15.45	1031650	20.0
Benzo[e]pyrene	15.14	4.1	ng	210794	6	15.45	1031650	20.0
Tetratetracontane	15.92	9.1	ng	470885	6	15.45	1031650	20.0
Docosyl trifluoro...	15.99	2.6	ng	134608	6	15.45	1031650	20.0
Z-2-Octadecen-1-ol	16.70	3.2	ng	166775	6	15.45	1031650	20.0