LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120427.D
Acq On : 29 May 2020 00:18
Operator : MA/SJ
Sample : L2746-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM9-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	1.963	10	13	29	rVV	1342664	1722960	72.38%	6.074%
2	2.087	29	34	50	rVB	542898	766294	32.19%	2.701%
3	5.022	525	533	537	rBV2	20288	38822	1.63%	0.137%
4	5.451	602	606	609	rBV	2426762	2104594	88.42%	7.419%
5	6.463	774	778	781	rBV	2474534	2085381	87.61%	7.351%
6	6.839	839	842	846	rBV	1486451	1231766	51.75%	4.342%
7	6.998	865	869	872	rBV	2303971	1887146	79.28%	6.652%
8	7.398	933	937	940	rBV	1662557	1302469	54.72%	4.591%
9	8.122	1056	1060	1063	rBV	1802957	1422444	59.76%	5.014%
10	9.198	1239	1243	1246	rBV	2882935	2380317	100.00%	8.391%
11	9.592	1306	1310	1317	rBV	260602	239124	10.05%	0.843%
12	9.733	1331	1334	1338	rBV	32281	32096	1.35%	0.113%
13	9.875	1354	1358	1362	rBV	1596689	1392517	58.50%	4.909%
14	10.663	1488	1492	1495	rBV	1360260	1263321	53.07%	4.453%
15	11.363	1607	1611	1613	rBV	1539422	1353236	56.85%	4.770%
16	11.380	1613	1614	1618	rVB	200162	145906	6.13%	0.514%
17	11.433	1621	1623	1626	rVB	59413	43499	1.83%	0.153%
18	11.816	1684	1688	1690	rBV2	26405	30064	1.26%	0.106%
19	11.851	1690	1694	1697	rVV2	60605	88067	3.70%	0.310%
20	11.886	1697	1700	1705	rVB	181742	165174	6.94%	0.582%
21	11.974	1711	1715	1717	rBV2	56797	65267	2.74%	0.230%
22	12.410	1786	1789	1792	rBV	41374	43640	1.83%	0.154%
23	12.451	1792	1796	1800	rVV4	26490	38584	1.62%	0.136%
24	12.492	1800	1803	1809	rVB3	31950	45487	1.91%	0.160%
25	12.568	1810	1816	1819	rBV	516707	505946	21.26%	1.784%
26	12.668	1830	1833	1836	rBV2	36538	36943	1.55%	0.130%
27	12.798	1849	1855	1858	rBV	462003	455313	19.13%	1.605%
28	12.945	1876	1880	1883	rBV	2895383	2362148	99.24%	8.327%
29	13.021	1888	1893	1896	rBV2	32955	57063	2.40%	0.201%
30	13.104	1904	1907	1908	rBV2	28784	29786	1.25%	0.105%
31	13.127	1908	1911	1914	rVB	67676	64391	2.71%	0.227%
32	13.192	1918	1922	1925	rVB3	52599	53314	2.24%	0.188%
33	13.227	1925	1928	1931	rBV2	50527	61154	2.57%	0.216%
34	13.351	1947	1949	1953	rBV	31881	31798	1.34%	0.112%

LSC Area Percent Report

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Acq On : 29 May 2020 00:18
Operator : MA/SJ
Sample : L2746-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM9-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	13.427	1959	1962	1965	rBV3	101077	91396	3.84%	0.322%
36	13.633	1994	1997	2002	rVB	38887	54054	2.27%	0.191%
37	13.774	2019	2021	2023	rBV	42716	36754	1.54%	0.130%
38	13.804	2023	2026	2029	rVV2	76728	97773	4.11%	0.345%
39	13.845	2029	2033	2040	rVB5	213067	274944	11.55%	0.969%
40	13.998	2054	2059	2061	rBV2	1643258	1687130	70.88%	5.947%
41	14.021	2061	2063	2066	rVB	230243	170062	7.14%	0.599%
42	14.133	2080	2082	2085	rBV	43438	41277	1.73%	0.146%
43	14.168	2086	2088	2093	rVB3	75590	89107	3.74%	0.314%
44	14.474	2137	2140	2143	rBV3	134280	149389	6.28%	0.527%
45	15.027	2231	2234	2237	rBV	197676	261056	10.97%	0.920%
46	15.115	2246	2249	2251	rBV	121261	136034	5.71%	0.480%
47	15.327	2282	2285	2290	rVB	127182	146300	6.15%	0.516%
48	15.386	2292	2295	2299	rVB	151979	164142	6.90%	0.579%
49	15.451	2301	2306	2310	rBV	1025518	1203451	50.56%	4.242%
50	15.927	2383	2387	2391	rBV	167496	219212	9.21%	0.773%

Sum of corrected areas: 28368112

LSC Report - Integrated Chromatogram

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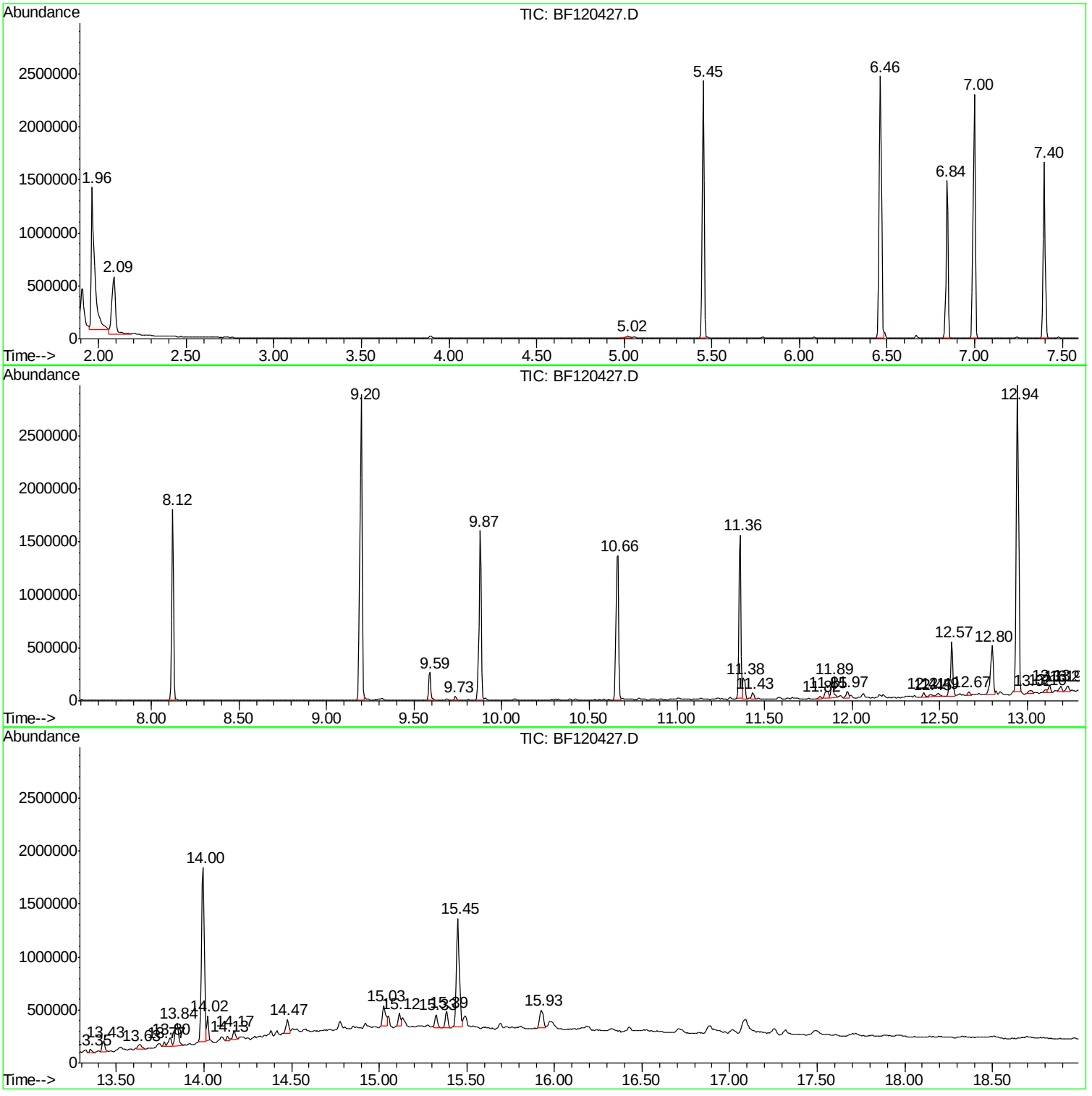
Data File : BF120427.D
Acq On : 29 May 2020 00:18
Operator : MA/SJ
Sample : L2746-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM9-COMP-2020-0-6

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

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120427.D
Acq On : 29 May 2020 00:18
Operator : MA/SJ
Sample : L2746-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM9-COMP-2020-0-6

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

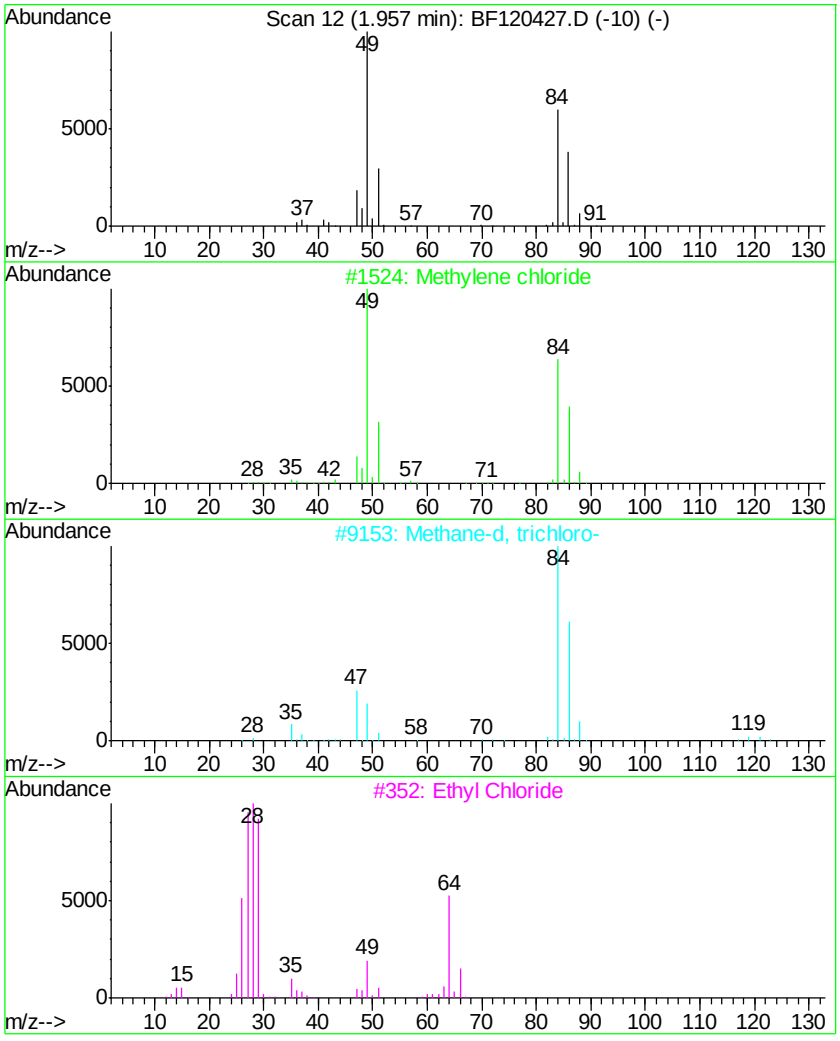
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

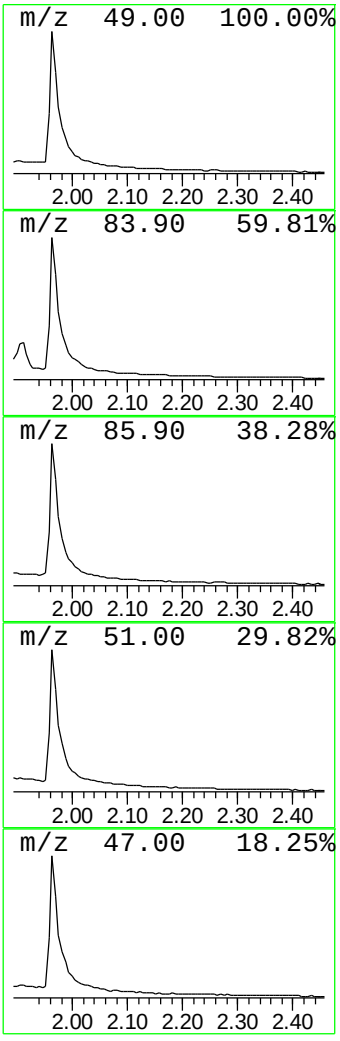
****

Peak Number 1 Methylene chloride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	27.98 ng	1722960	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	Boron trifluoride	68	BF3	007637-07-2	1





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120427.D
Acq On : 29 May 2020 00:18
Operator : MA/SJ
Sample : L2746-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM9-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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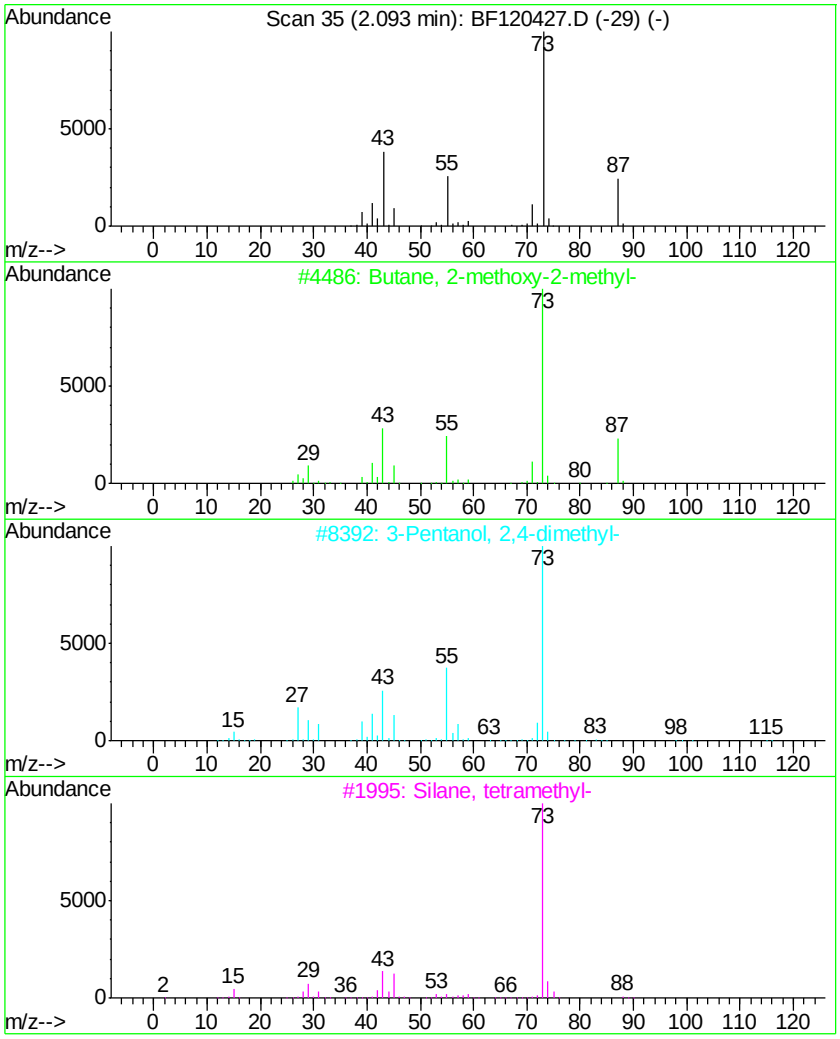
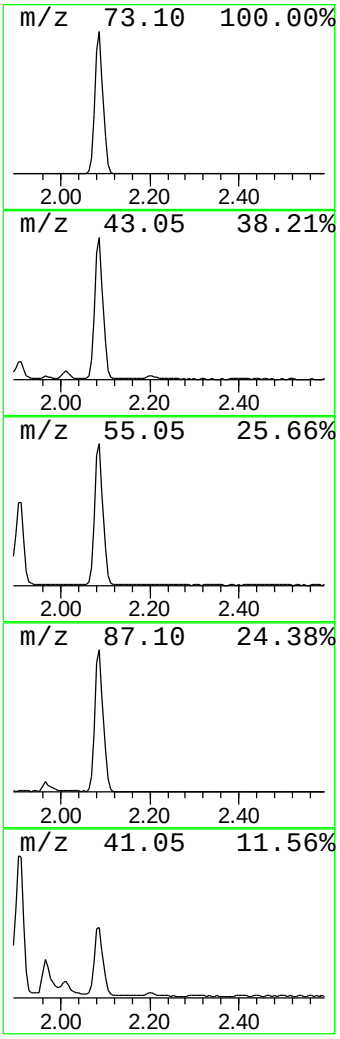
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.09	12.44 ng	766294	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	64
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	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\BF052820\
Data File : BF120427.D
Acq On : 29 May 2020 00:18
Operator : MA/SJ
Sample : L2746-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM9-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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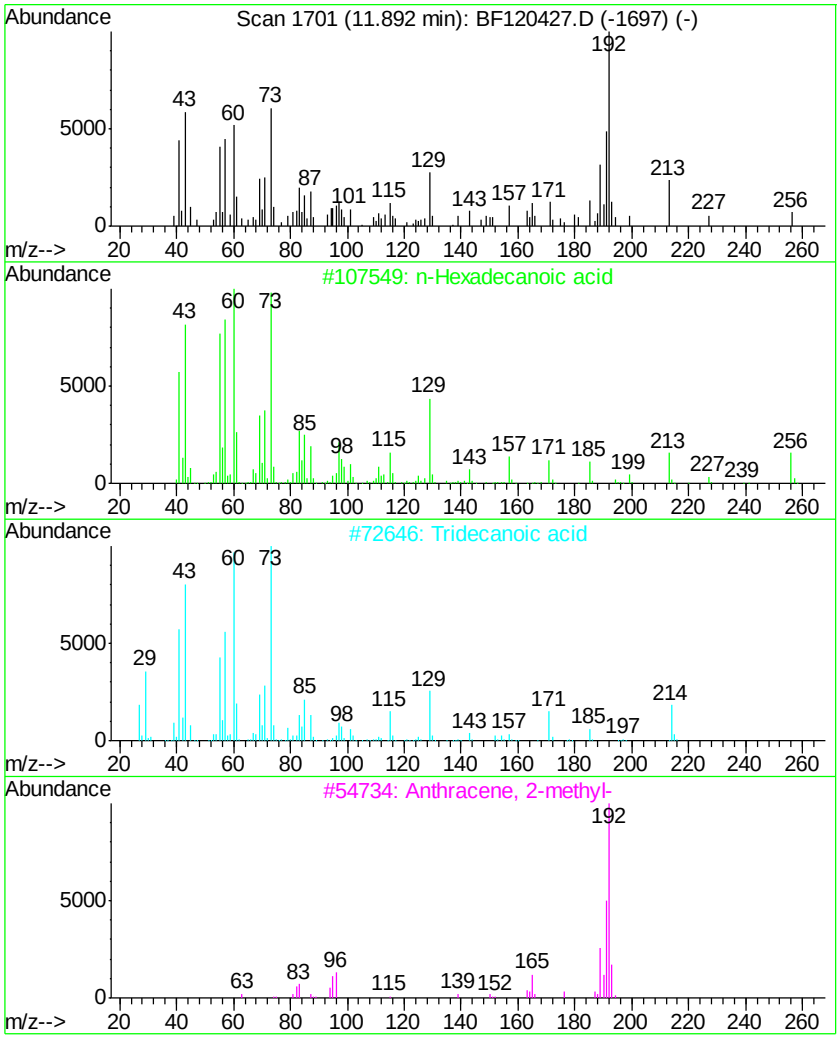
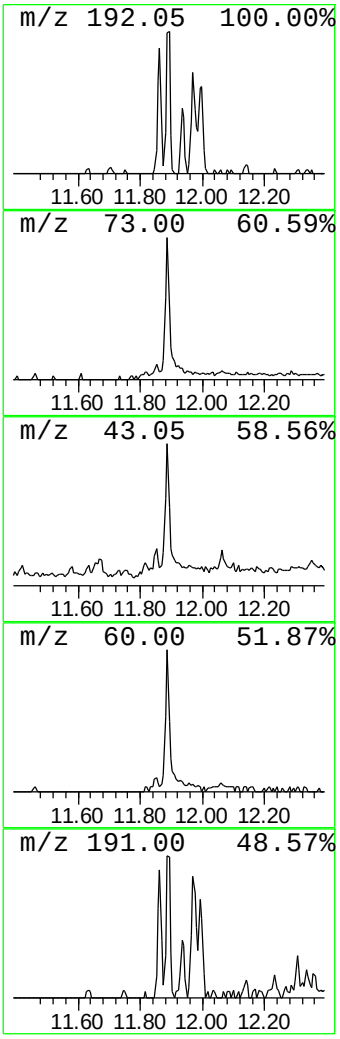
Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.44 ng	165174	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	52
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	45
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	41





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120427.D
Acq On : 29 May 2020 00:18
Operator : MA/SJ
Sample : L2746-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM9-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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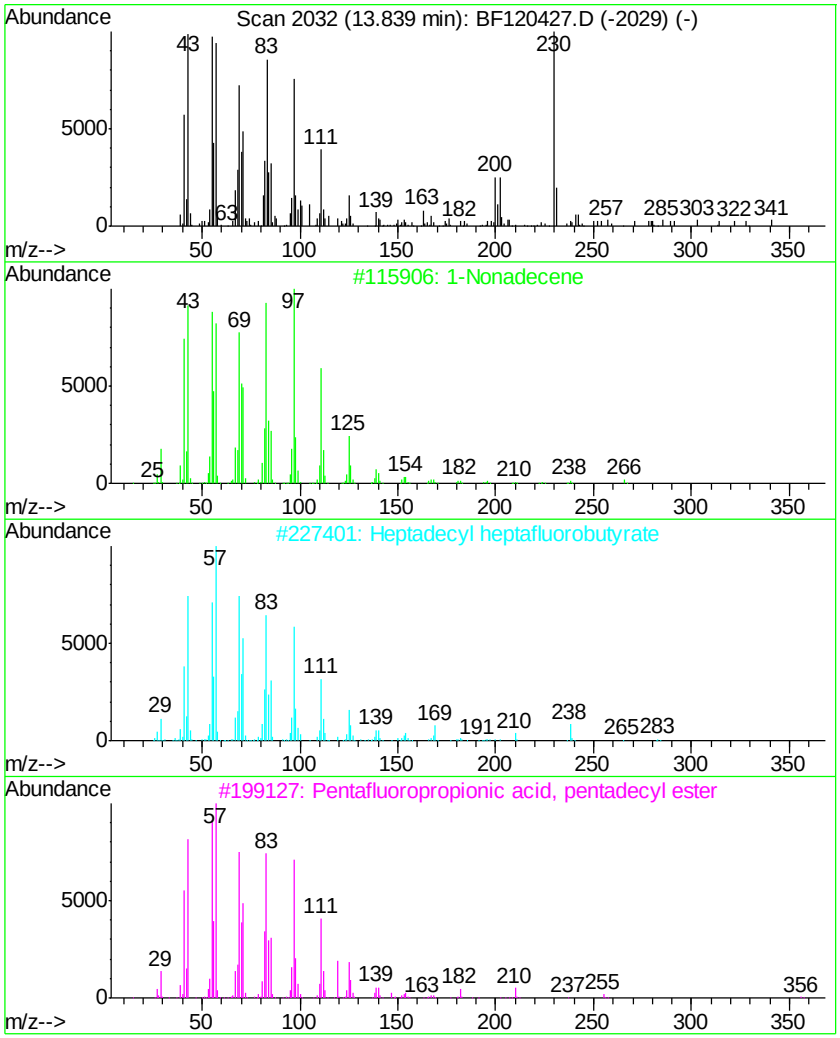
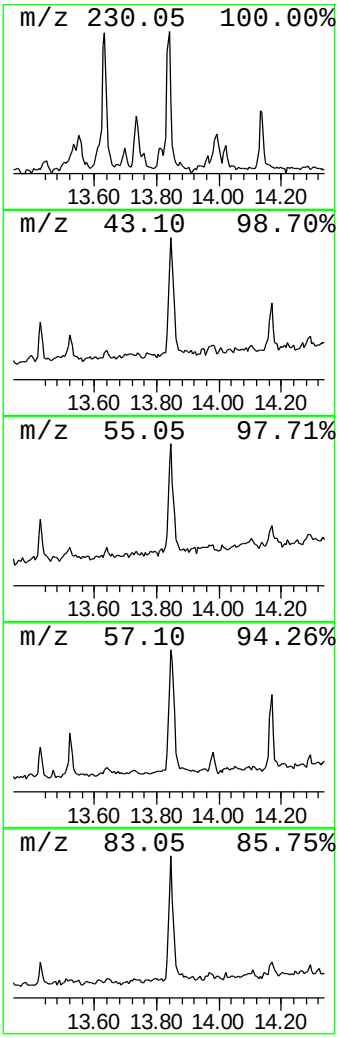
Peak Number 5 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	3.26 ng	274944	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	99
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	93





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Data File : BF120427.D
Acq On : 29 May 2020 00:18
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Sample : L2746-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM9-COMP-2020-0-6

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

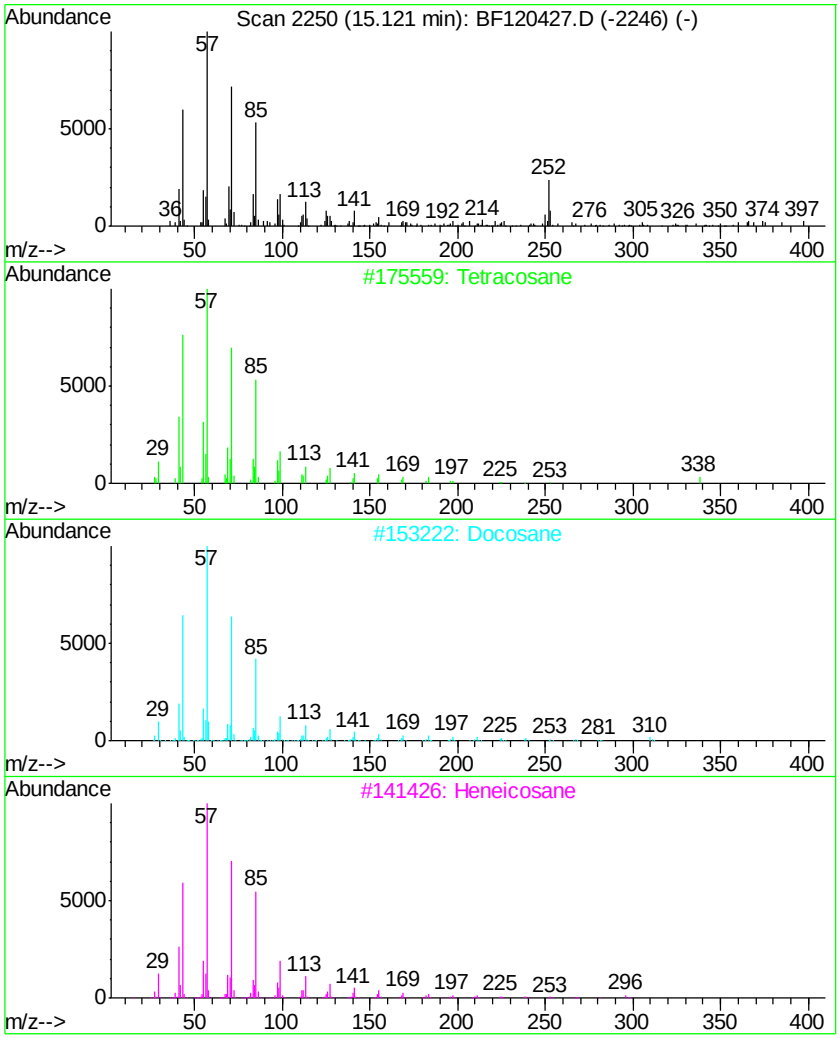
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

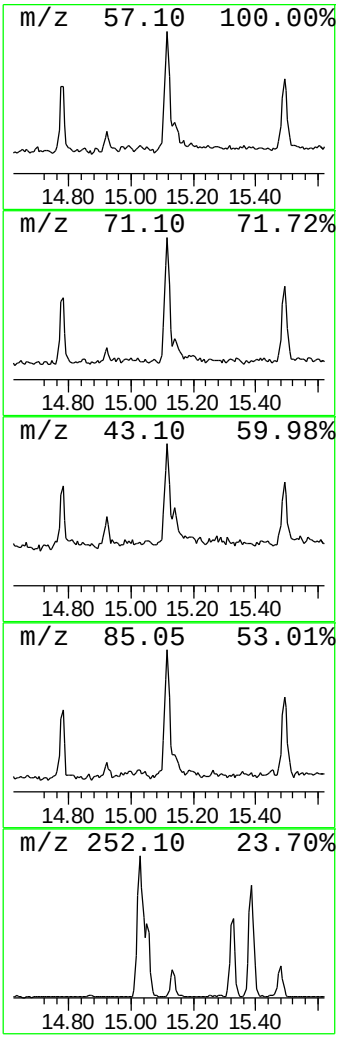
****

Peak Number 6 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	2.26 ng	136034	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Docosane	310	C22H46	000629-97-0	93
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Nonadecane	268	C19H40	000629-92-5	87





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Misc :
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Instrument : BNA_F
ClientSampleId : NM9-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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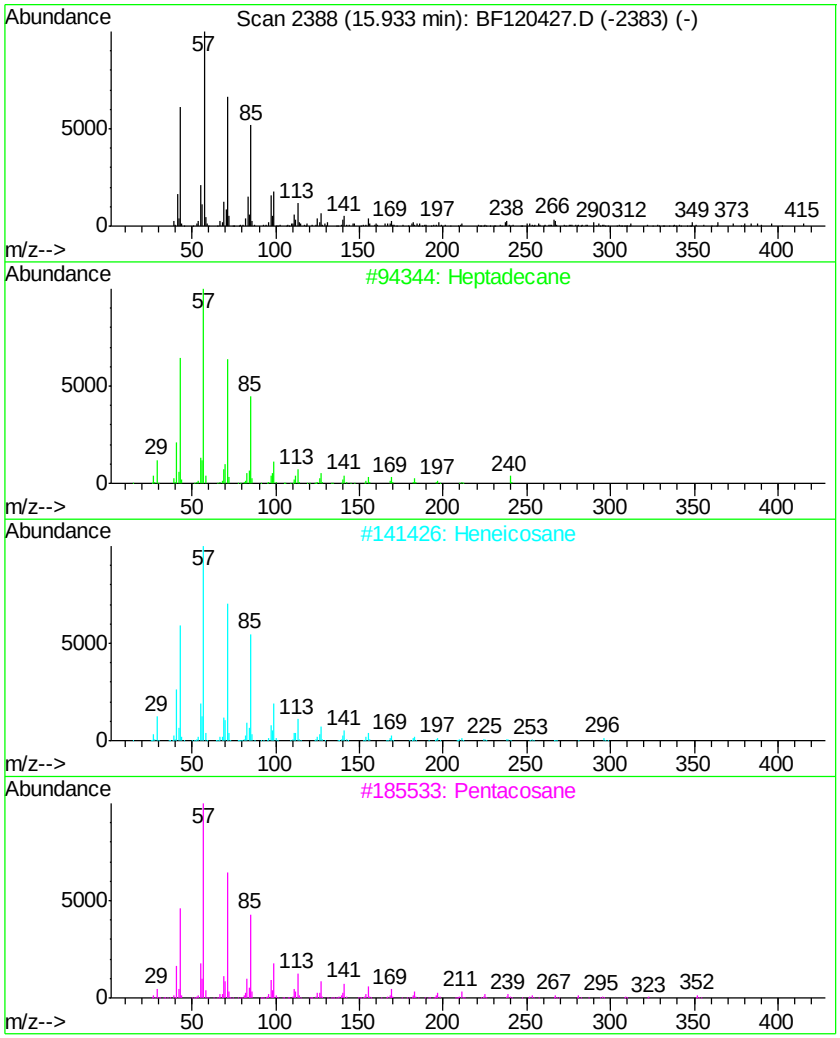
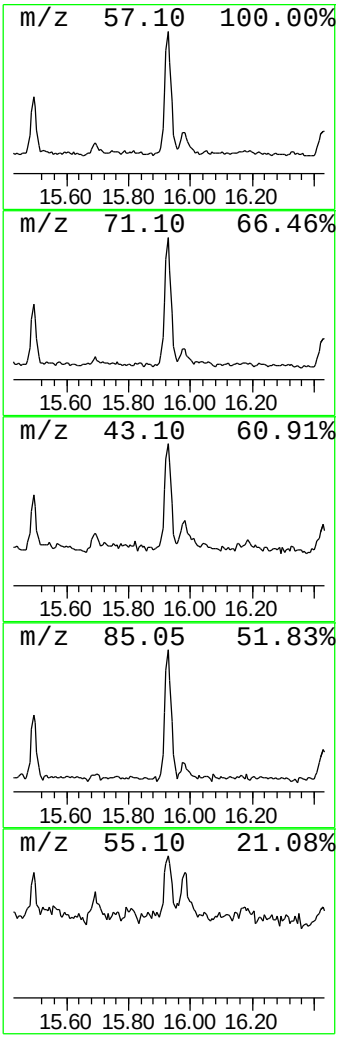
Peak Number 8 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	3.64 ng	219212	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Pentacosane	352	C25H52	000629-99-2	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Octacosane	394	C28H58	000630-02-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120427.D
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Misc :
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Instrument : BNA_F
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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	1.96	28.0	ng	1722960	1	6.84	1231770	20.0
Butane, 2-methoxy...	2.09	12.4	ng	766294	1	6.84	1231770	20.0
n-Hexadecanoic acid	11.89	2.4	ng	165174	4	11.36	1353240	20.0
1-Nonadecene	13.84	3.3	ng	274944	5	14.00	1687130	20.0
Tetracosane	15.12	2.3	ng	136034	6	15.45	1203450	20.0
Heptadecane	15.93	3.6	ng	219212	6	15.45	1203450	20.0