LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120459.D
Acq On : 30 May 2020 00:23
Operator : MA/SJ
Sample : L2792-11 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM85-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	1.922	3	6	10	rVB	221475	269263	15.73%	1.192%
2	1.957	10	12	32	rVB	1173691	1588845	92.80%	7.036%
3	2.099	32	36	50	rVB	312979	442475	25.84%	1.959%
4	3.899	338	342	346	rVB	20387	26256	1.53%	0.116%
5	5.445	602	605	609	rBV	1047670	965716	56.41%	4.276%
6	6.457	773	777	780	rBV	1295899	992515	57.97%	4.395%
7	6.840	838	842	845	rBV	1667897	1395949	81.53%	6.182%
8	6.992	864	868	871	rVB	1211329	928278	54.22%	4.111%
9	7.392	932	936	939	rBV	849428	639210	37.34%	2.831%
10	8.122	1056	1060	1063	rBV	1997771	1712091	100.00%	7.582%
11	9.192	1238	1242	1245	rBV	1711137	1274397	74.44%	5.643%
12	9.586	1306	1309	1313	rVB	189835	135689	7.93%	0.601%
13	9.875	1354	1358	1361	rVB	2114364	1696074	99.06%	7.511%
14	10.657	1487	1491	1494	rBV	686571	554980	32.42%	2.458%
15	11.357	1606	1610	1613	rBV	1824474	1467091	85.69%	6.497%
16	11.380	1613	1614	1617	rVV	171012	89429	5.22%	0.396%
17	11.433	1621	1623	1626	rVB	39009	31050	1.81%	0.137%
18	11.857	1690	1695	1697	rBV	25306	25907	1.51%	0.115%
19	11.886	1697	1700	1703	rVB	37011	30486	1.78%	0.135%
20	11.969	1711	1714	1717	rBV	38163	39494	2.31%	0.175%
21	12.404	1785	1788	1791	rBV2	19420	22600	1.32%	0.100%
22	12.486	1800	1802	1809	rVB3	19644	27724	1.62%	0.123%
23	12.569	1810	1816	1819	rVB	377368	347292	20.28%	1.538%
24	12.798	1849	1855	1858	rBV	310700	332795	19.44%	1.474%
25	12.916	1871	1875	1876	rBV	20969	20302	1.19%	0.090%
26	12.939	1876	1879	1883	rVV	1227906	972161	56.78%	4.305%
27	13.016	1887	1892	1895	rBV2	26792	43568	2.54%	0.193%
28	13.104	1903	1907	1908	rBV2	21101	23366	1.36%	0.103%
29	13.121	1908	1910	1913	rVB	49674	43567	2.54%	0.193%
30	13.192	1918	1922	1924	rVB2	26386	26898	1.57%	0.119%
31	13.227	1924	1928	1931	rBV	40756	42710	2.49%	0.189%
32	13.351	1947	1949	1952	rBV3	24181	22111	1.29%	0.098%
33	13.427	1958	1962	1967	rBV7	20051	30620	1.79%	0.136%
34	13.521	1972	1978	1980	rBV6	21223	41583	2.43%	0.184%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120459.D
Acq On : 30 May 2020 00:23
Operator : MA/SJ
Sample : L2792-11 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM85-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	13.627	1993	1996	2002	rVB	33148	39723	2.32%	0.176%
36	13.745	2011	2016	2018	rBV2	30458	50393	2.94%	0.223%
37	13.792	2022	2024	2028	rVV2	56703	68381	3.99%	0.303%
38	13.839	2028	2032	2035	rVV3	115095	193445	11.30%	0.857%
39	13.863	2035	2036	2040	rVB	126829	96315	5.63%	0.427%
40	13.992	2051	2058	2061	rBV	1727639	1694890	99.00%	7.505%
41	14.016	2061	2062	2069	rVB	197154	161362	9.42%	0.715%
42	14.098	2071	2076	2080	rBV3	38647	58146	3.40%	0.257%
43	14.210	2093	2095	2100	rVB2	20921	23425	1.37%	0.104%
44	14.380	2122	2124	2126	rVB	34574	25815	1.51%	0.114%
45	14.410	2127	2129	2133	rVB2	25285	24505	1.43%	0.109%
46	14.474	2136	2140	2143	rBV4	88676	120533	7.04%	0.534%
47	14.915	2213	2215	2220	rVB2	70072	75935	4.44%	0.336%
48	15.021	2229	2233	2236	rBV	177688	242829	14.18%	1.075%
49	15.110	2245	2248	2250	rBV	138955	147937	8.64%	0.655%
50	15.133	2250	2252	2262	rVB3	108694	162181	9.47%	0.718%
51	15.321	2281	2284	2290	rVB	102557	119802	7.00%	0.531%
52	15.380	2291	2294	2299	rVB	139000	145621	8.51%	0.645%
53	15.445	2300	2305	2309	rBV	1033161	1276697	74.57%	5.654%
54	15.686	2342	2346	2350	rVB2	83243	107782	6.30%	0.477%
55	15.921	2381	2386	2391	rBV	321718	460048	26.87%	2.037%
56	15.974	2391	2395	2405	rVB4	88697	169877	9.92%	0.752%
57	16.709	2516	2520	2527	rVB4	67816	127853	7.47%	0.566%
58	16.874	2545	2548	2562	rVB2	58017	165690	9.68%	0.734%
59	17.080	2577	2583	2594	rVB5	234535	520531	30.40%	2.305%

Sum of corrected areas: 22582208

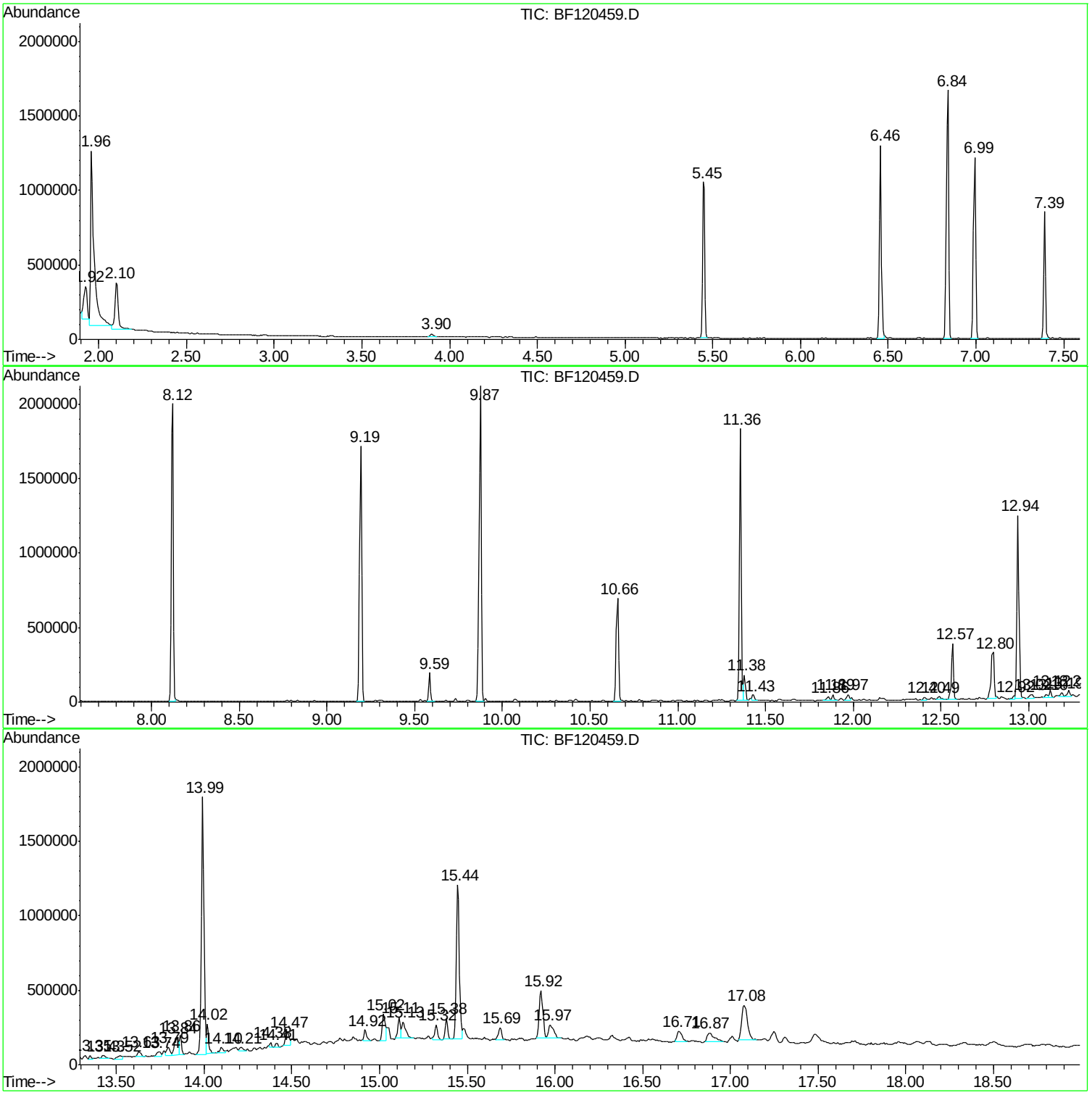
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120459.D
Acq On : 30 May 2020 00:23
Operator : MA/SJ
Sample : L2792-11 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM85-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\BF052920\
Data File : BF120459.D
Acq On : 30 May 2020 00:23
Operator : MA/SJ
Sample : L2792-11 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM85-COMP-2020-0-6

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

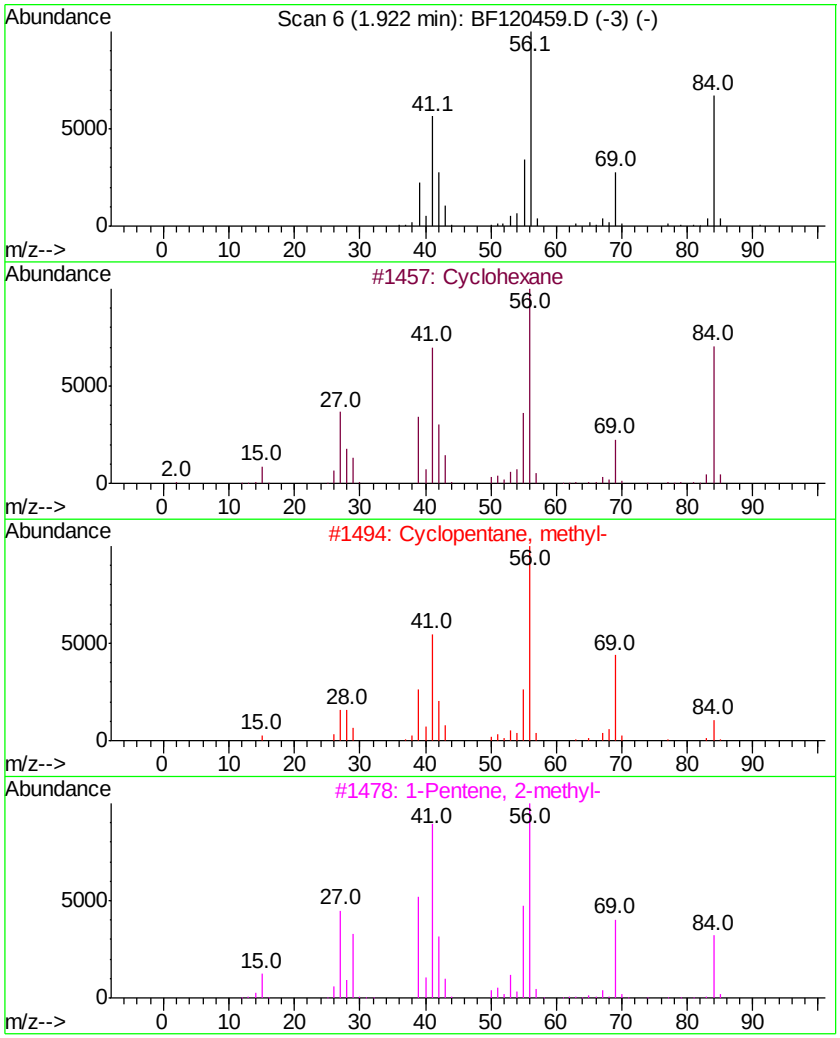
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

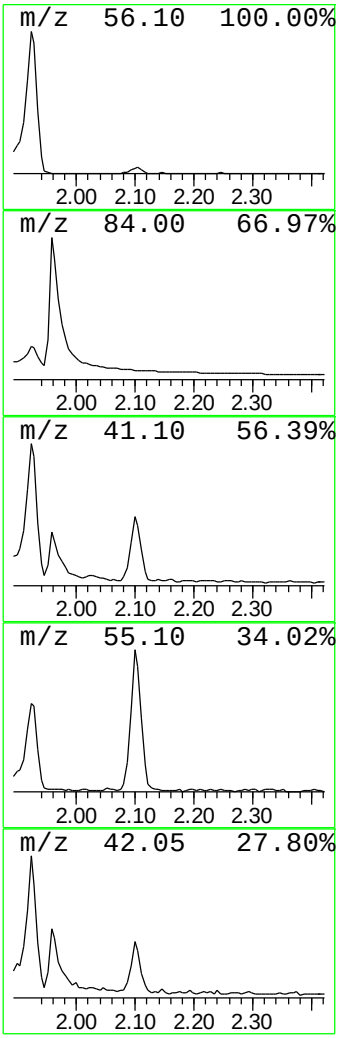
****

Peak Number 1 Cyclohexane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.92	3.86 ng	269263	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	59
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	56
4	1-Hexene	84	C6H12	000592-41-6	45
5	Cyclobutane	56	C4H8	000287-23-0	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120459.D
Acq On : 30 May 2020 00:23
Operator : MA/SJ
Sample : L2792-11 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM85-COMP-2020-0-6

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

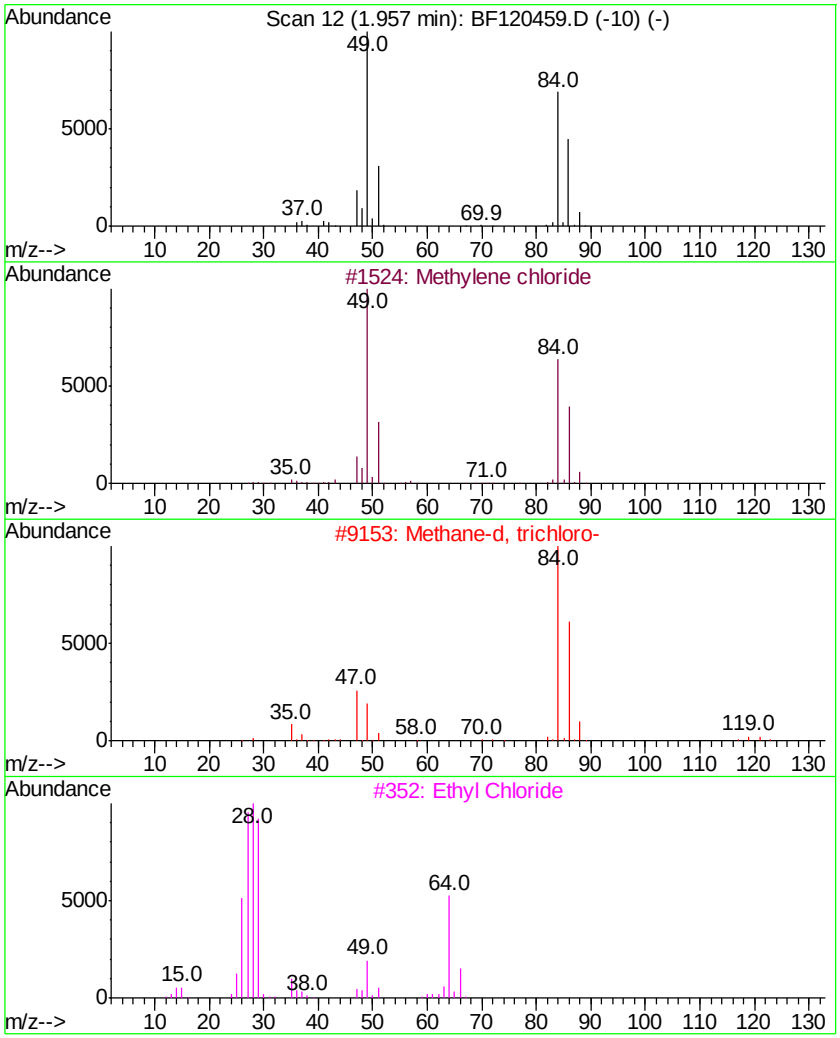
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

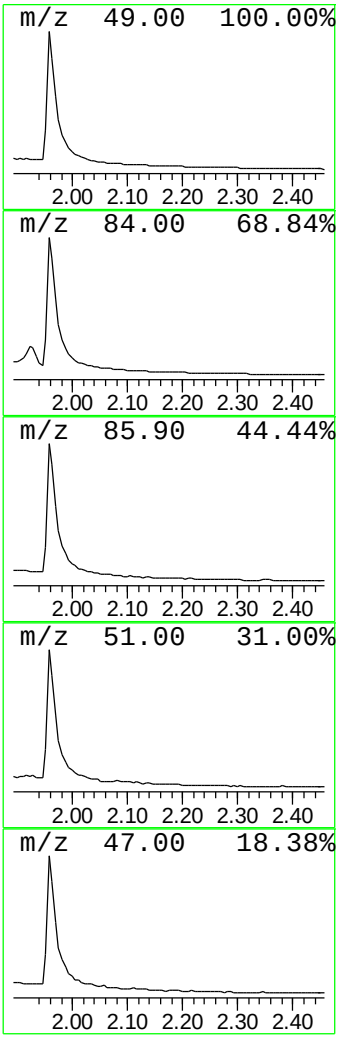
****

Peak Number 2 Methylene chloride Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	22.76 ng	1588850	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 : BF120459.D
Acq On : 30 May 2020 00:23
Operator : MA/SJ
Sample : L2792-11 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM85-COMP-2020-0-6

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

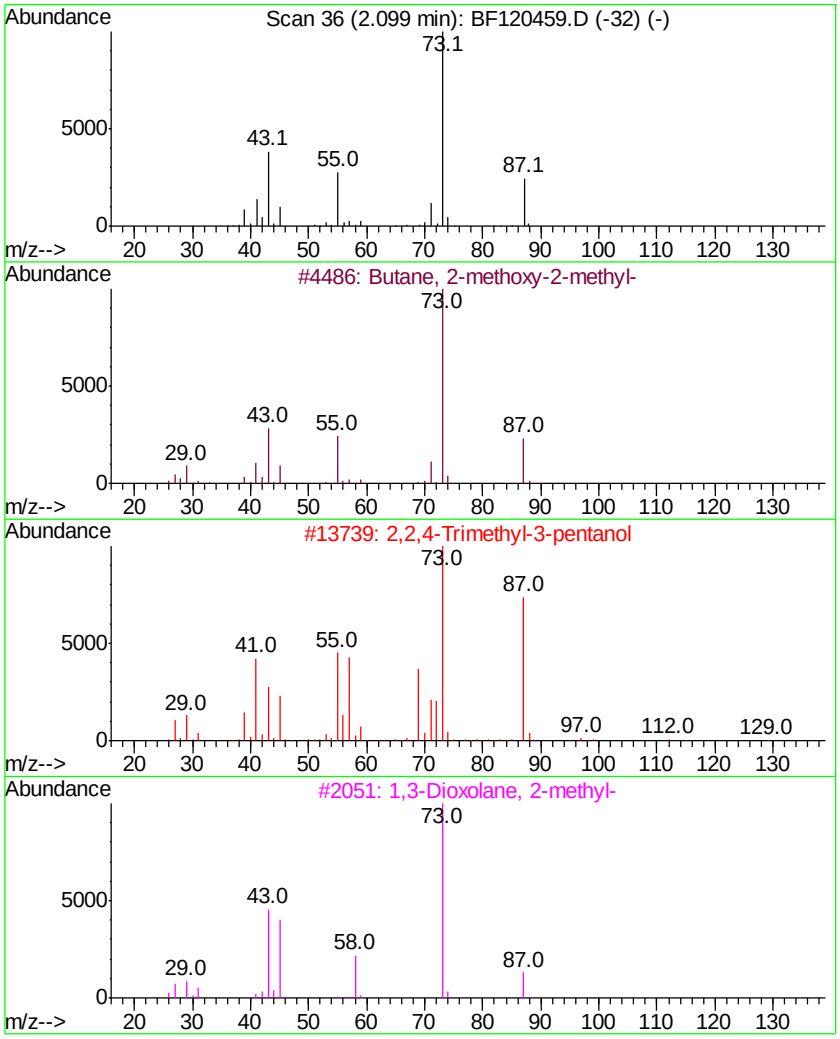
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

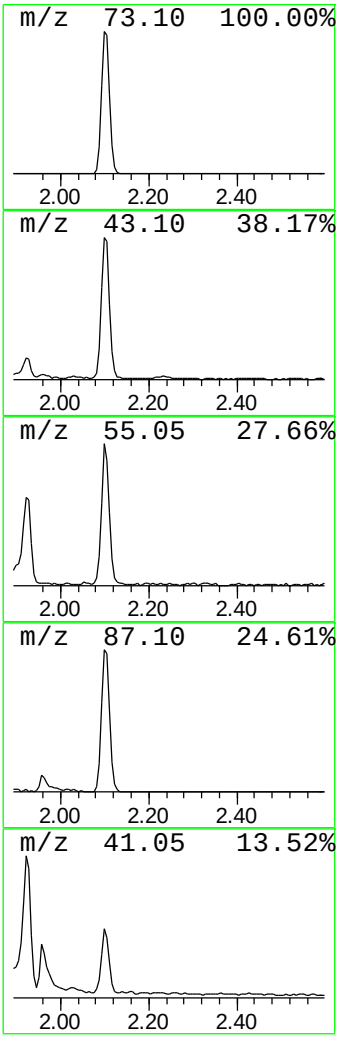
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.10	6.34 ng	442475	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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	16
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120459.D
Acq On : 30 May 2020 00:23
Operator : MA/SJ
Sample : L2792-11 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM85-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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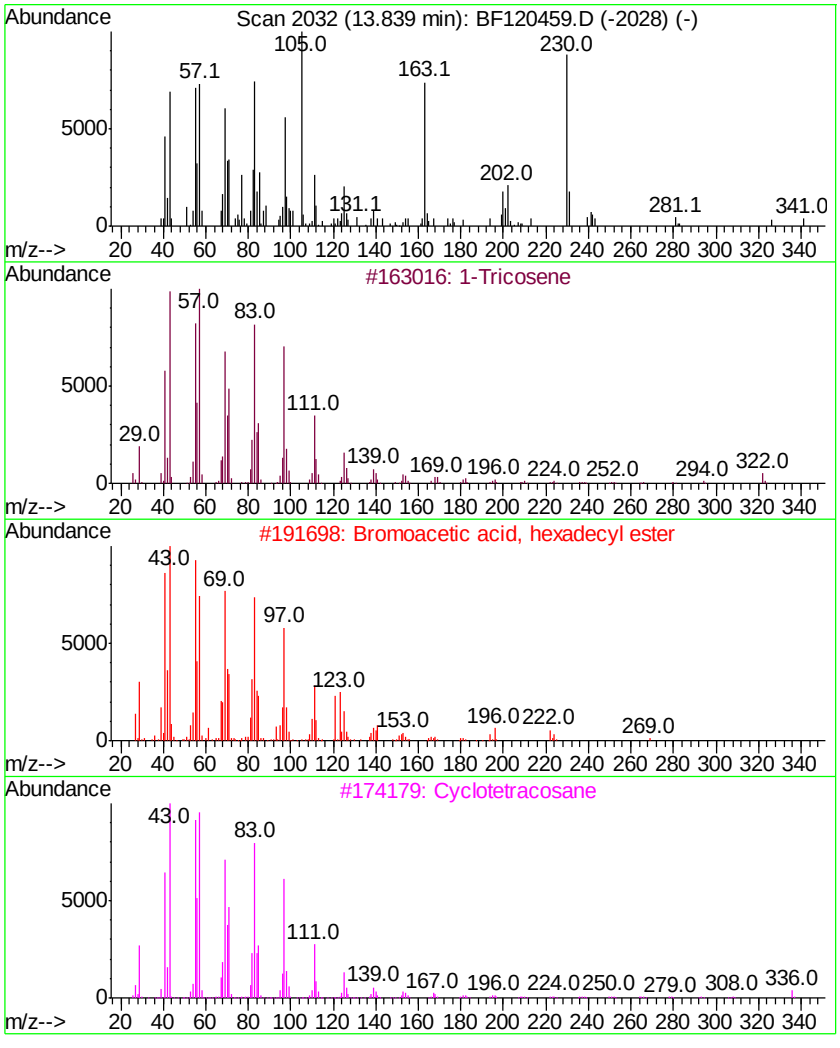
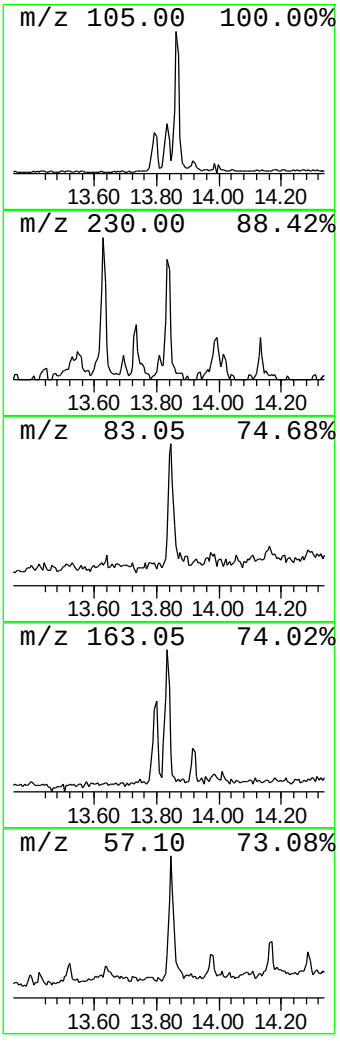
Peak Number 5 unknown13.84 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	2.28 ng	193445	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	46
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	42
3	Cyclotetracosane	336	C24H48	000297-03-0	41
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	38
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120459.D
Acq On : 30 May 2020 00:23
Operator : MA/SJ
Sample : L2792-11 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM85-COMP-2020-0-6

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

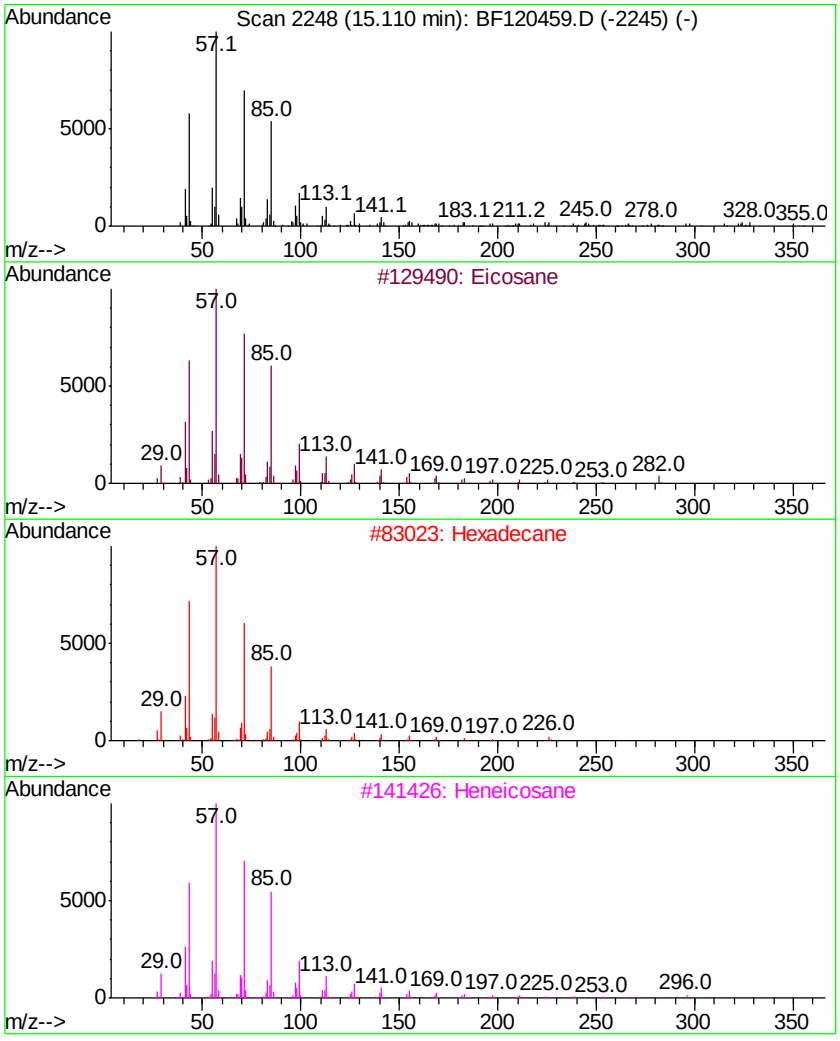
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

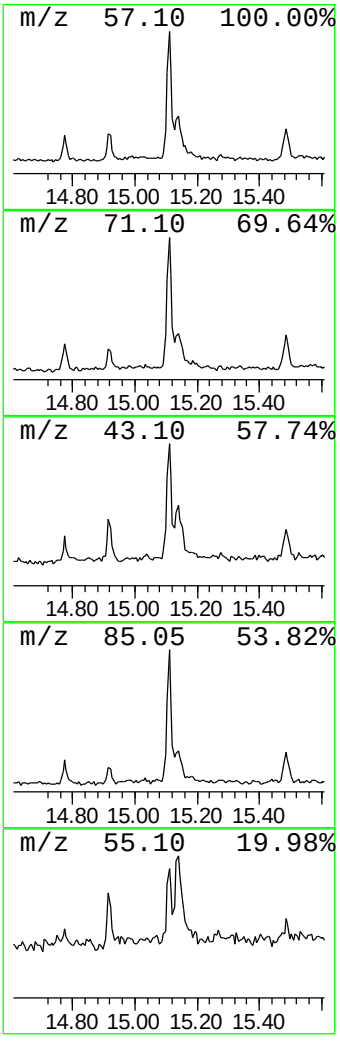
****

Peak Number 6 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	2.32 ng	147937	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Hexadecane	226	C16H34	000544-76-3	93
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heptadecane	240	C17H36	000629-78-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120459.D
Acq On : 30 May 2020 00:23
Operator : MA/SJ
Sample : L2792-11 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM85-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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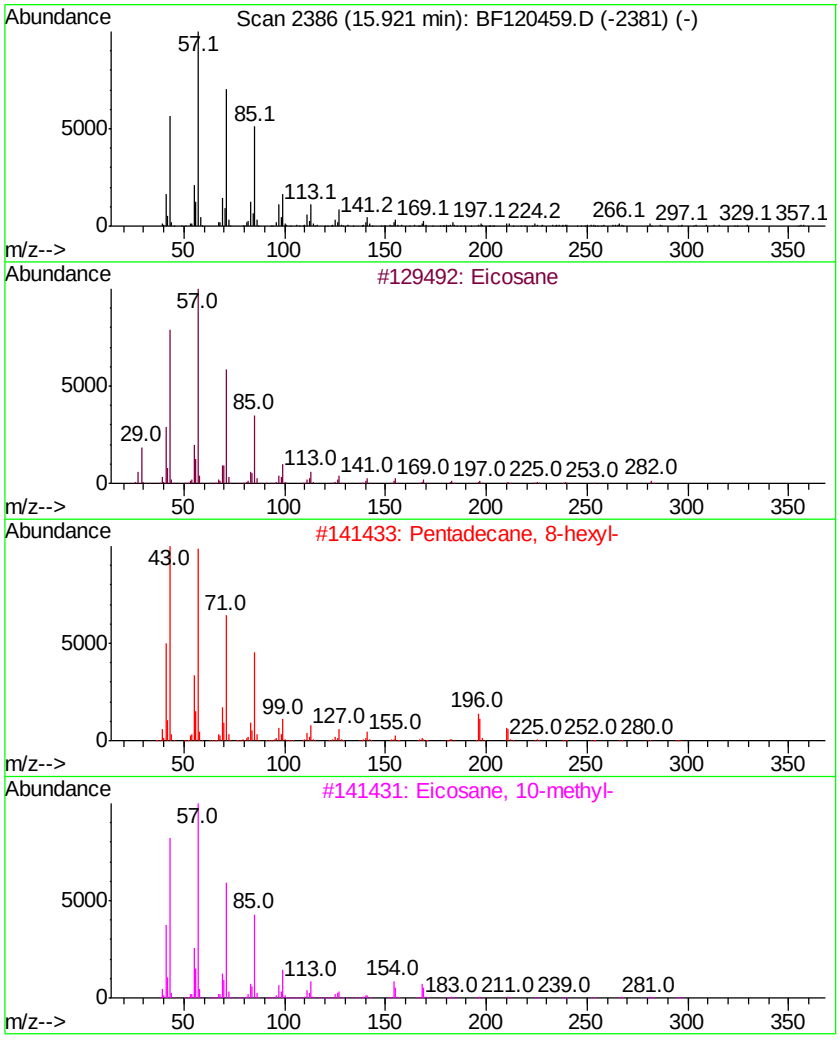
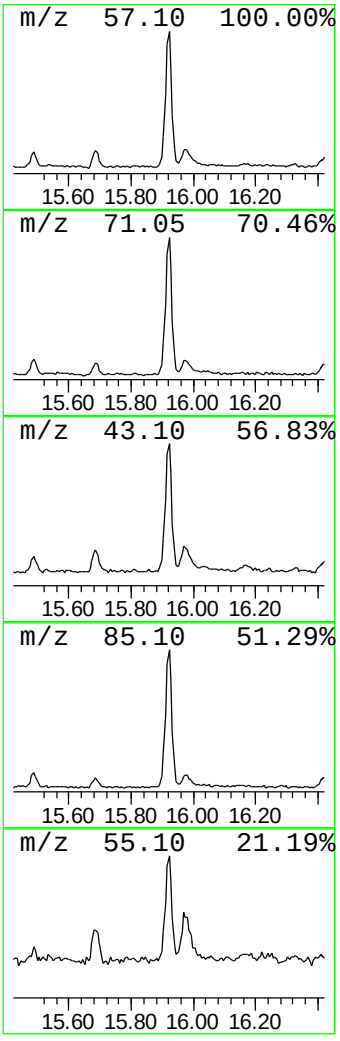
Peak Number 8 Pentadecane, 8-hexyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	7.21 ng	460048	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
5	Hexacosane	366	C26H54	000630-01-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120459.D
Acq On : 30 May 2020 00:23
Operator : MA/SJ
Sample : L2792-11 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM85-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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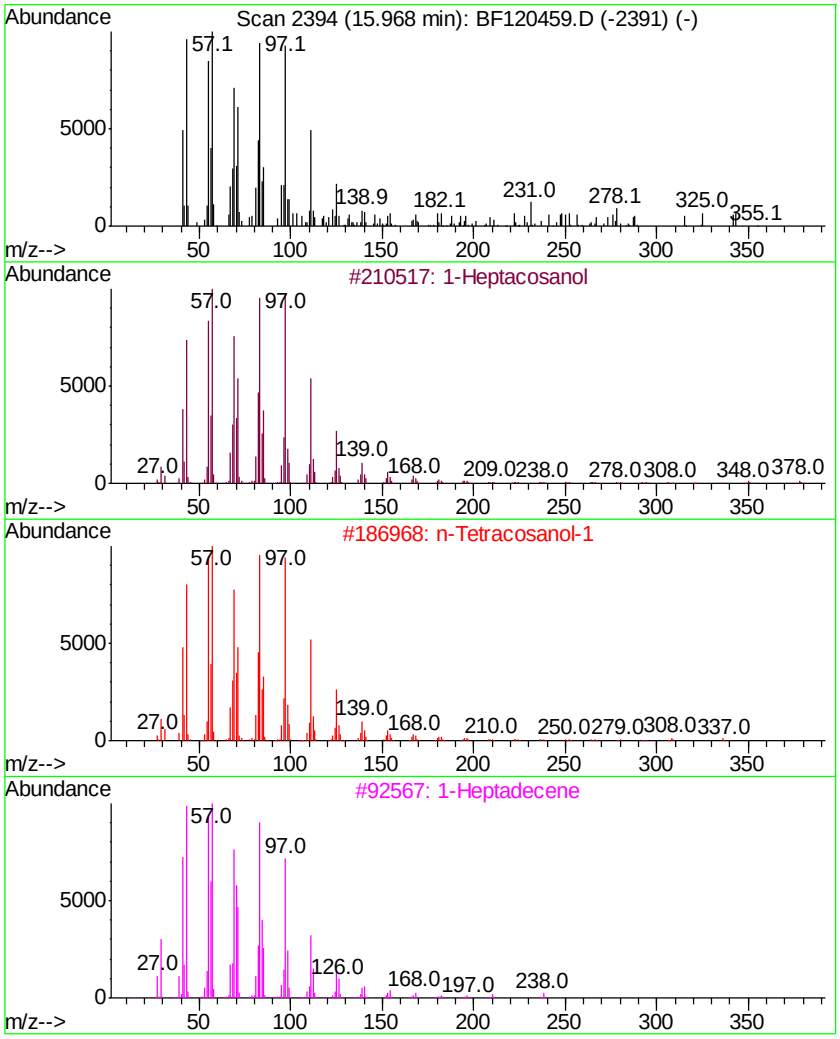
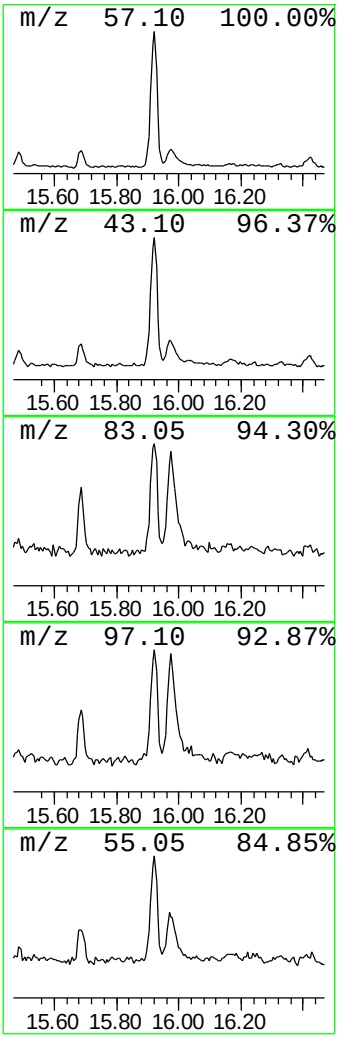
Peak Number 9 1-Heptacosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	2.66 ng	169877	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3	1-Heptadecene	238	C17H34	006765-39-5	90
4	11-Tricosene	322	C23H46	052078-56-5	89
5	1-Tricosene	322	C23H46	018835-32-0	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120459.D
Acq On : 30 May 2020 00:23
Operator : MA/SJ
Sample : L2792-11 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM85-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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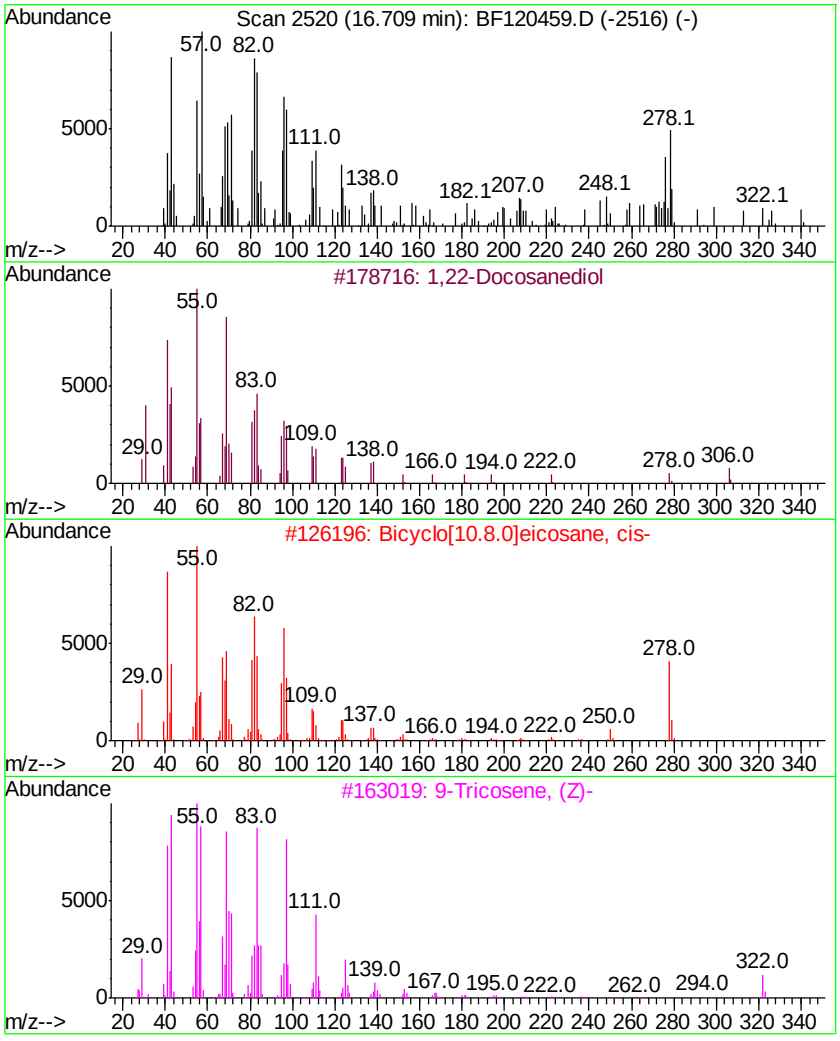
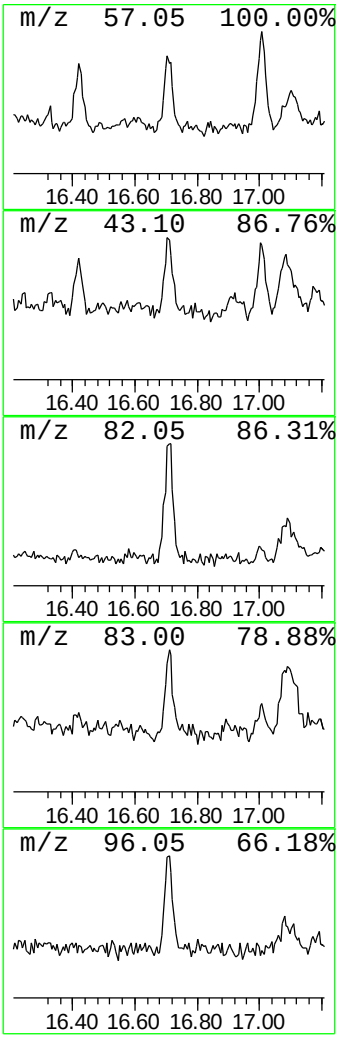
Peak Number 10 1,22-Docosanediol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	2.00 ng	127853	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,22-Docosanediol	342	C22H46O2	022513-81-1	72
2	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	58
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	46
4	2-Nonen-1-ol	142	C9H18O	022104-79-6	43
5	Pentadecanal-	226	C15H30O	002765-11-9	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120459.D
Acq On : 30 May 2020 00:23
Operator : MA/SJ
Sample : L2792-11 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM85-COMP-2020-0-6

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

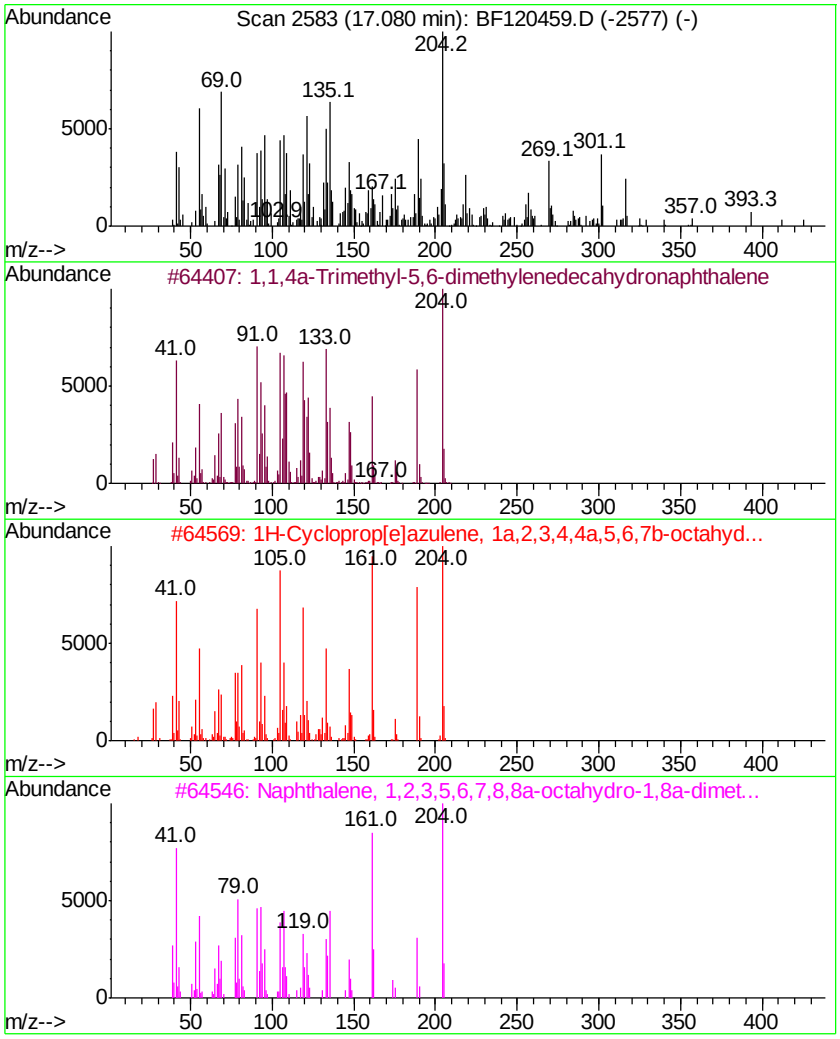
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

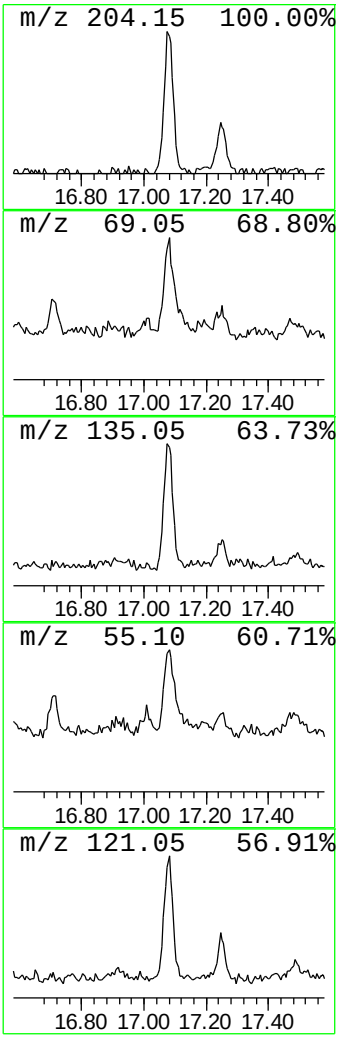
****

Peak Number 12 1,1,4a-Trimethyl-5,6-dimeth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.08	8.15 ng	520531	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	70
2	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	55
3	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	53
4	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	52
5	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052920\
Data File : BF120459.D
Acq On : 30 May 2020 00:23
Operator : MA/SJ
Sample : L2792-11 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM85-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	1.92	3.9	ng	269263	1	6.84	1395950	20.0
Methylene chloride	1.96	22.8	ng	1588850	1	6.84	1395950	20.0
Butane, 2-methoxy...	2.10	6.3	ng	442475	1	6.84	1395950	20.0
unknown13.84	13.84	2.3	ng	193445	5	13.99	1694890	20.0
Eicosane	15.11	2.3	ng	147937	6	15.44	1276700	20.0
Pentadecane, 8-he...	15.92	7.2	ng	460048	6	15.44	1276700	20.0
1-Heptacosanol	15.97	2.7	ng	169877	6	15.44	1276700	20.0
1,22-Docosanediol	16.71	2.0	ng	127853	6	15.44	1276700	20.0
1,1,4a-Trimethyl-...	17.08	8.2	ng	520531	6	15.44	1276700	20.0