LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120449.D
Acq On : 29 May 2020 19:50
Operator : MA/SJ
Sample : L2790-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1-S

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	614707	751828	15.65%	1.506%
2	1.957	10	12	32	rVV	2542533	3608530	75.12%	7.229%
3	2.104	32	37	54	rVB	1196674	1689595	35.17%	3.385%
4	5.451	601	606	609	rBV	3713788	3485630	72.56%	6.983%
5	6.463	772	778	781	rBV	3733015	3769499	78.47%	7.552%
6	6.663	809	812	818	rBV	60923	52705	1.10%	0.106%
7	6.834	838	841	845	rVB	1848211	1607040	33.46%	3.219%
8	6.898	848	852	858	rBV	93348	85390	1.78%	0.171%
9	6.992	864	868	871	rBV	3831091	3219655	67.03%	6.450%
10	7.398	932	937	940	rBV	2683600	2494645	51.93%	4.998%
11	8.116	1055	1059	1063	rBV	2401162	2033105	42.33%	4.073%
12	9.192	1238	1242	1245	rBV	5307295	4803473	100.00%	9.623%
13	9.586	1305	1309	1312	rBV	982785	742822	15.46%	1.488%
14	9.875	1354	1358	1361	rVB	2377667	2136883	44.49%	4.281%
15	10.657	1487	1491	1494	rBV	2963473	2560440	53.30%	5.129%
16	11.357	1606	1610	1613	rBV	2193136	1815364	37.79%	3.637%
17	12.939	1875	1879	1883	rBV	4039754	3673437	76.47%	7.359%
18	13.174	1913	1919	1922	rBV4	31844	50833	1.06%	0.102%
19	13.480	1968	1971	1975	rBV	348673	331422	6.90%	0.664%
20	13.845	2028	2033	2043	rBV3	375049	619611	12.90%	1.241%
21	13.980	2052	2056	2061	rBV2	2379387	3218264	67.00%	6.447%
22	14.163	2084	2087	2092	rBV	352703	297393	6.19%	0.596%
23	14.468	2136	2139	2145	rBV	711645	670656	13.96%	1.344%
24	14.774	2187	2191	2195	rBV	958033	926004	19.28%	1.855%
25	15.110	2244	2248	2252	rBV	1000602	1051518	21.89%	2.107%
26	15.445	2300	2305	2308	rBV	1241203	1474838	30.70%	2.955%
27	15.486	2308	2312	2317	rVB	860499	1063243	22.13%	2.130%
28	15.915	2380	2385	2391	rBV	614458	917351	19.10%	1.838%
29	16.415	2465	2470	2477	rBV	303770	530231	11.04%	1.062%
30	17.004	2566	2570	2578	rVB2	120851	235447	4.90%	0.472%

Sum of corrected areas: 49916852

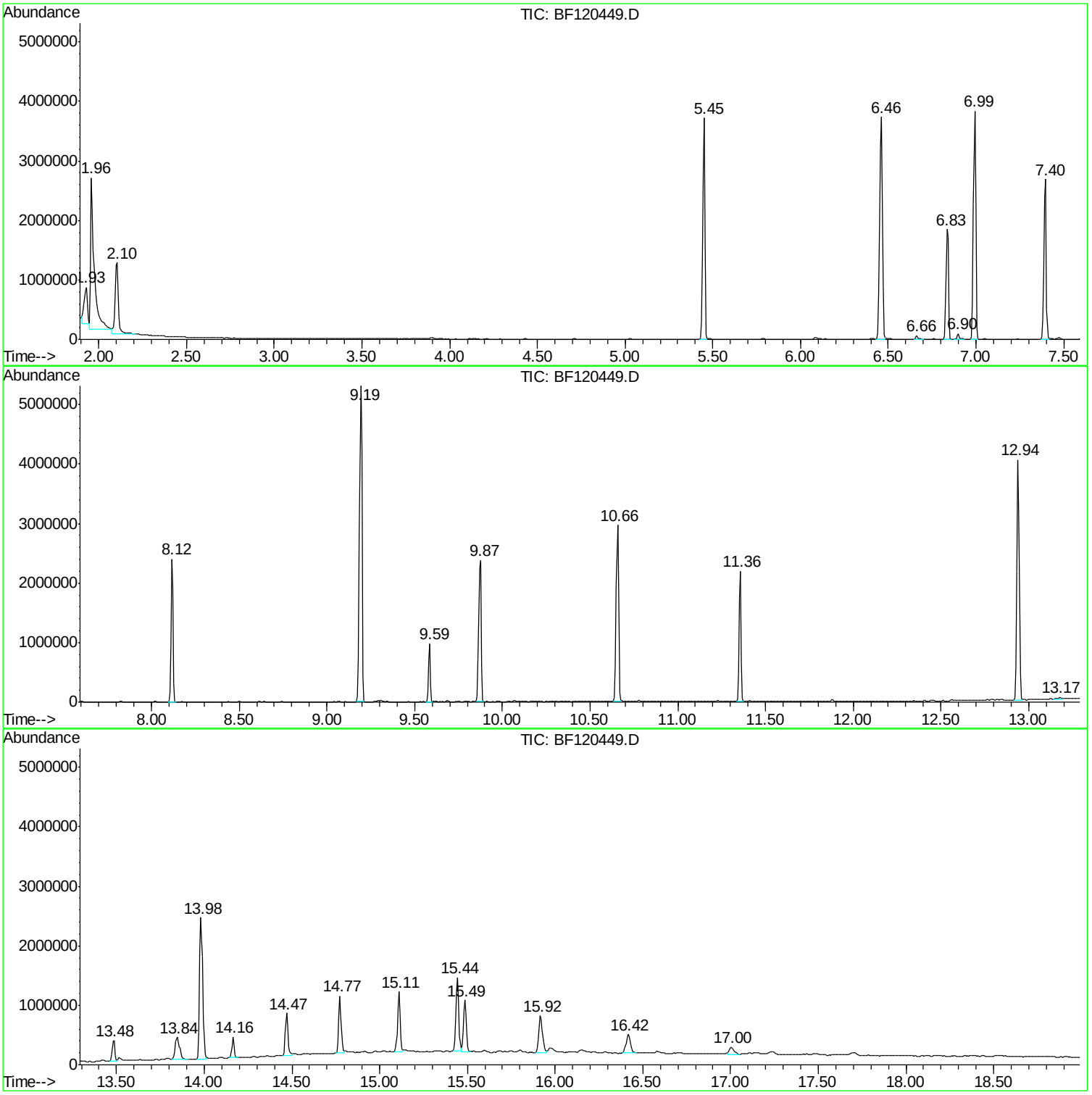
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120449.D
Acq On : 29 May 2020 19:50
Operator : MA/SJ
Sample : L2790-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1-S

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

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Data File : BF120449.D
Acq On : 29 May 2020 19:50
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ClientSampleId : SB-1-S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

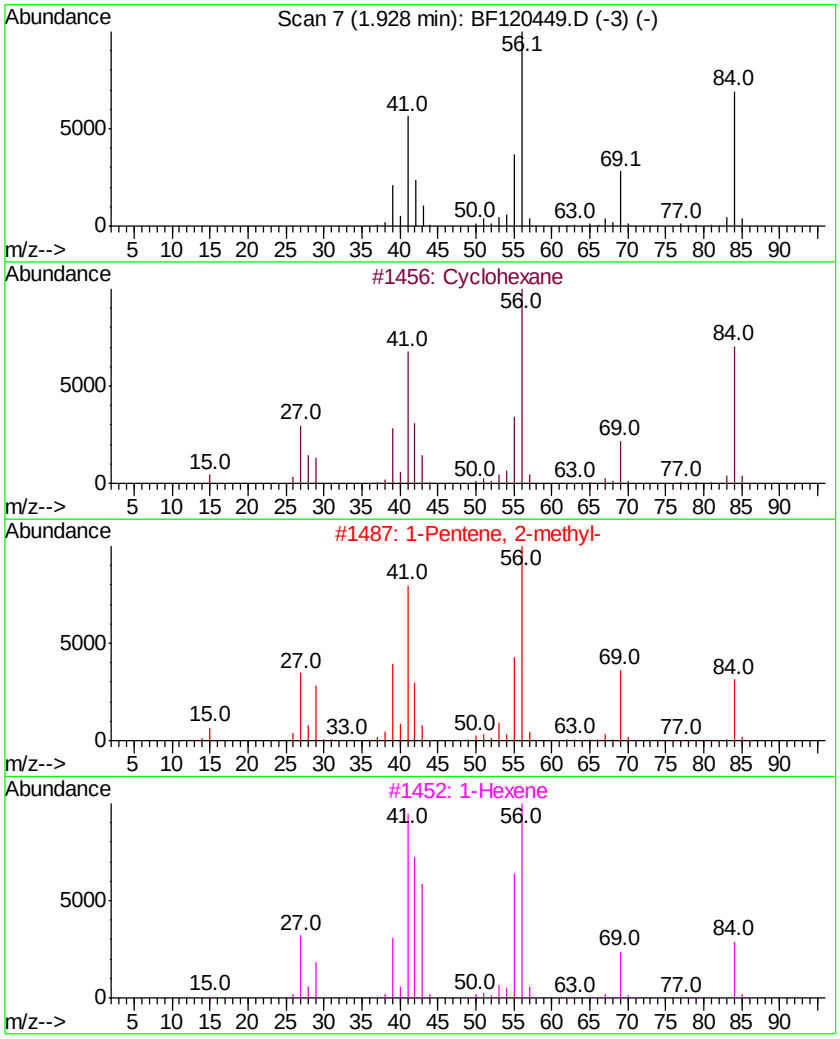
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

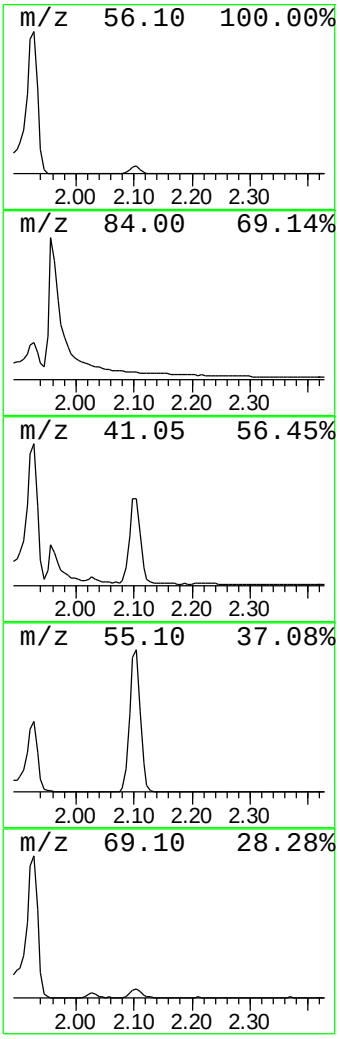
****

Peak Number 1 Cyclohexane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.93	9.36 ng	751828	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
3	1-Hexene	84	C6H12	000592-41-6	53
4	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	50
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	45





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Data File : BF120449.D
Acq On : 29 May 2020 19:50
Operator : MA/SJ
Sample : L2790-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1-S

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

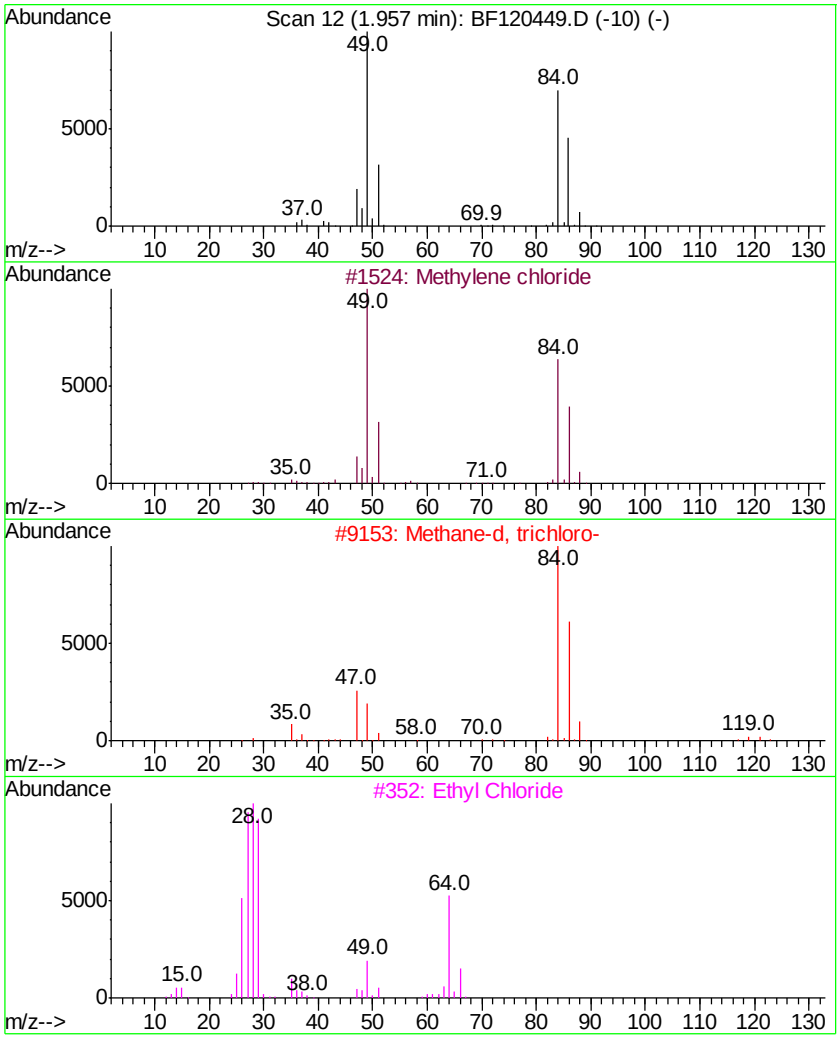
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

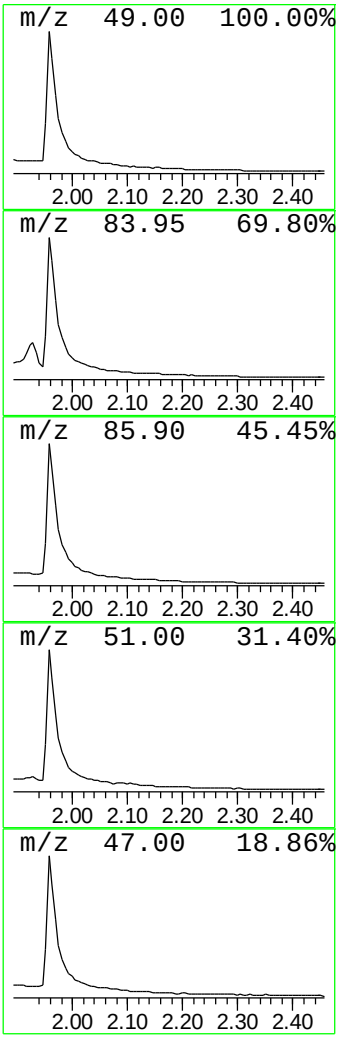
****

Peak Number 2 Methylene chloride Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	44.91 ng	3608530	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

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Data File : BF120449.D
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Operator : MA/SJ
Sample : L2790-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1-S

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

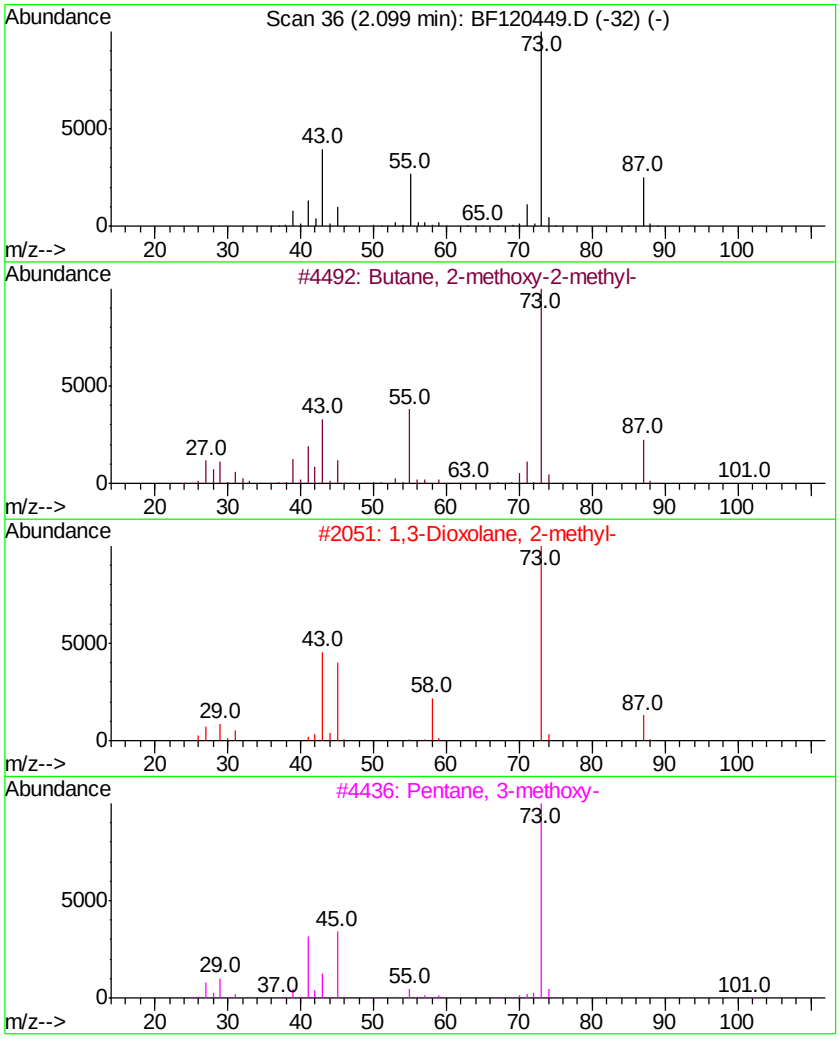
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

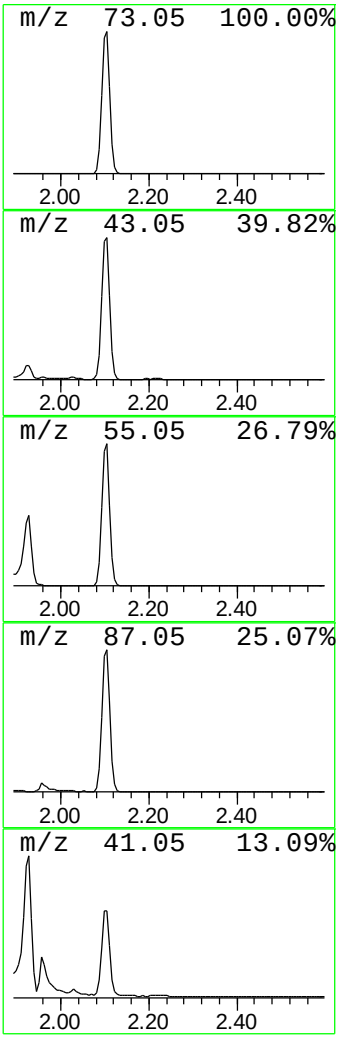
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.10	21.03 ng	1689600	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	72
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
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Acq On : 29 May 2020 19:50
Operator : MA/SJ
Sample : L2790-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1-S

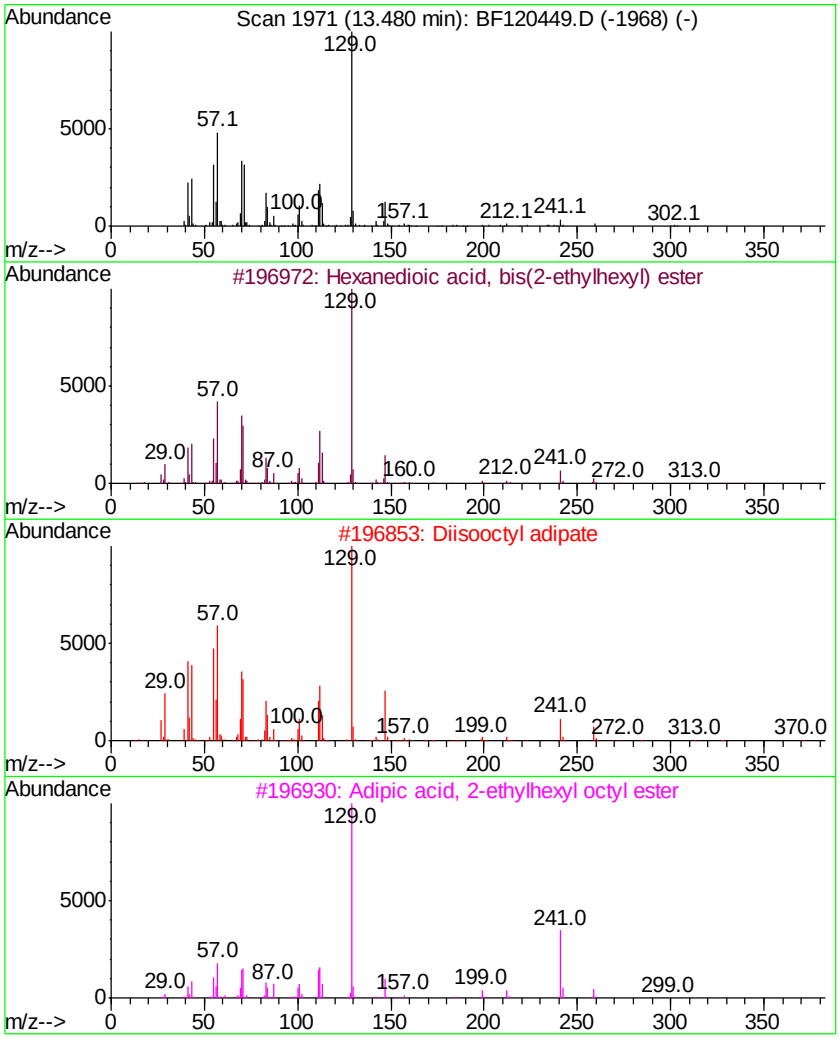
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

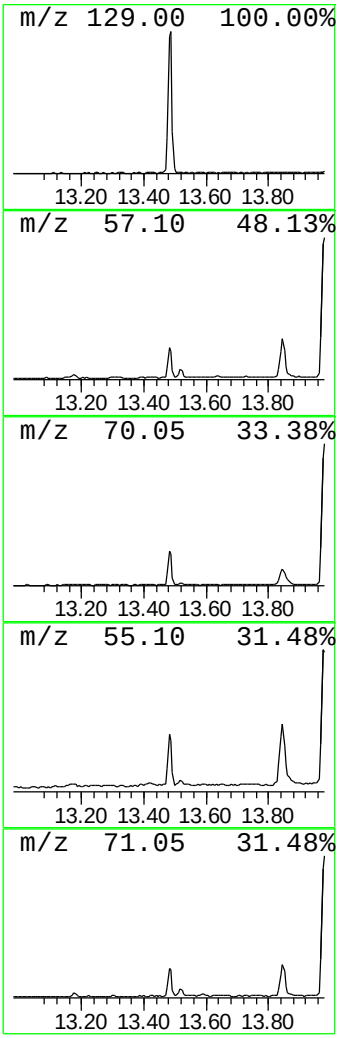
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexanedioic acid, bis(2-eth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	2.06 ng	331422	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Diisooctyl adipate	370	C22H42O4	001330-86-5	78
3	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	64
4	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	64
5	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
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Operator : MA/SJ
Sample : L2790-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1-S

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

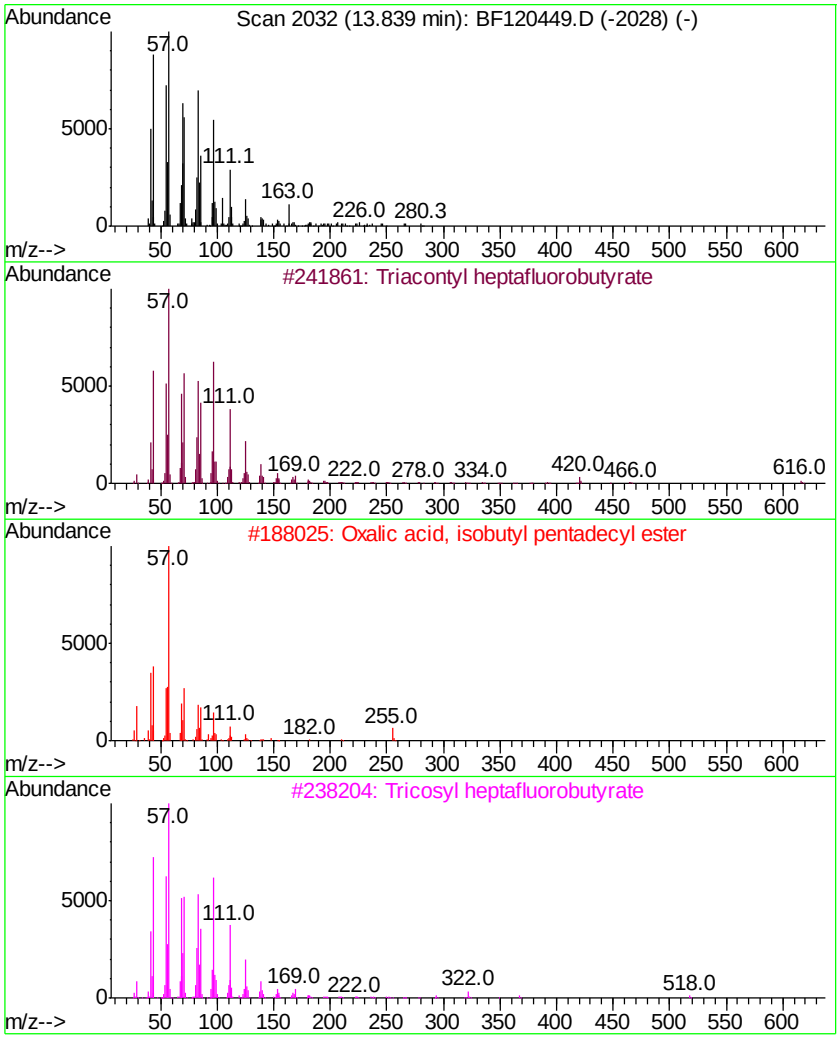
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

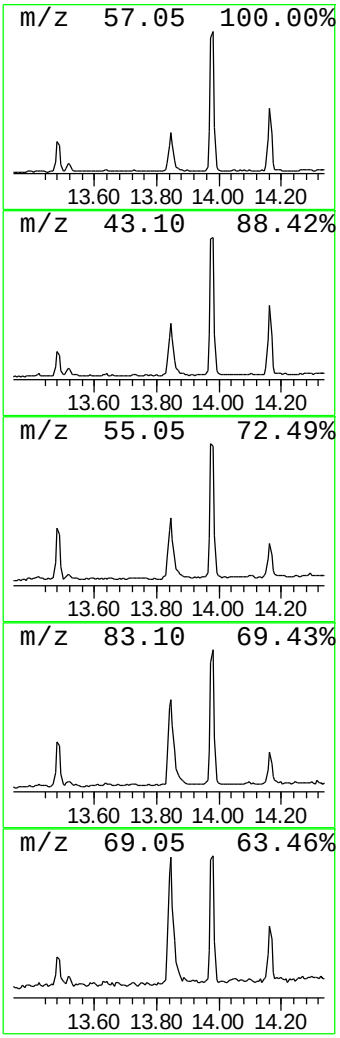
****

Peak Number 6 Triacontyl heptafluorobutyrate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	3.85 ng	619611	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontyl heptafluorobutyrate	634	C34H61F7O2	1000351-83-2	91
2	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91
3	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	87
4	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	87
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	81





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Sample : L2790-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1-S

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
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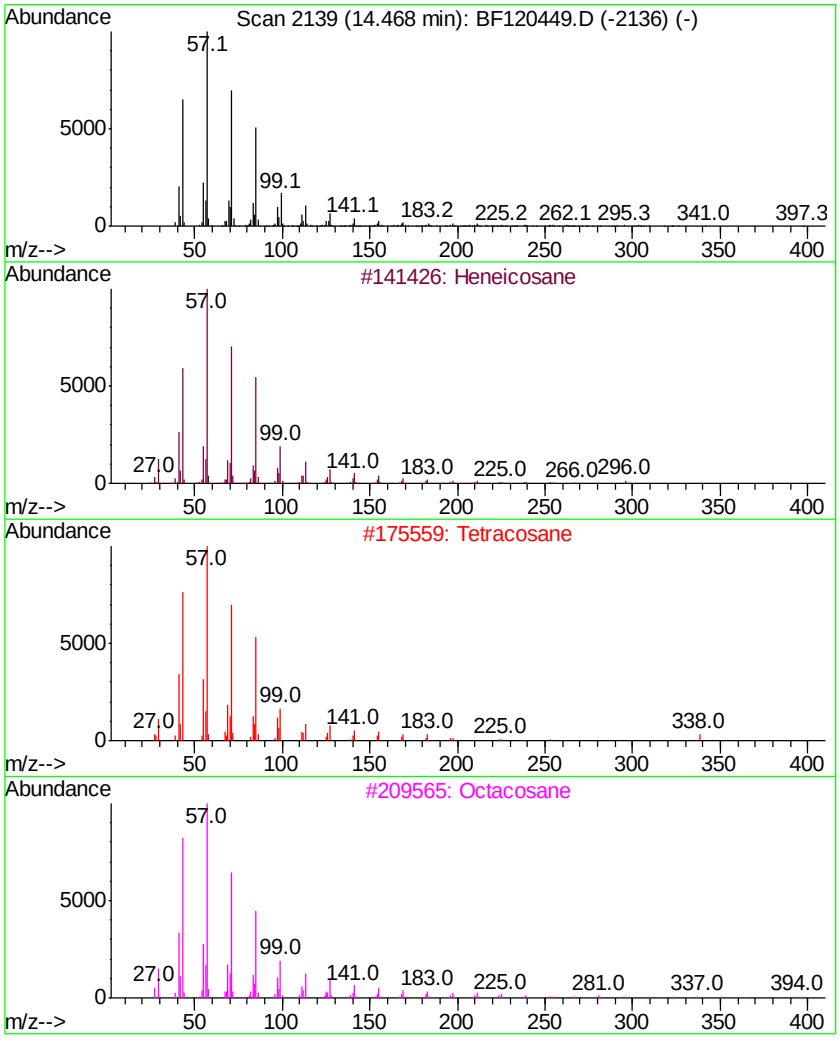
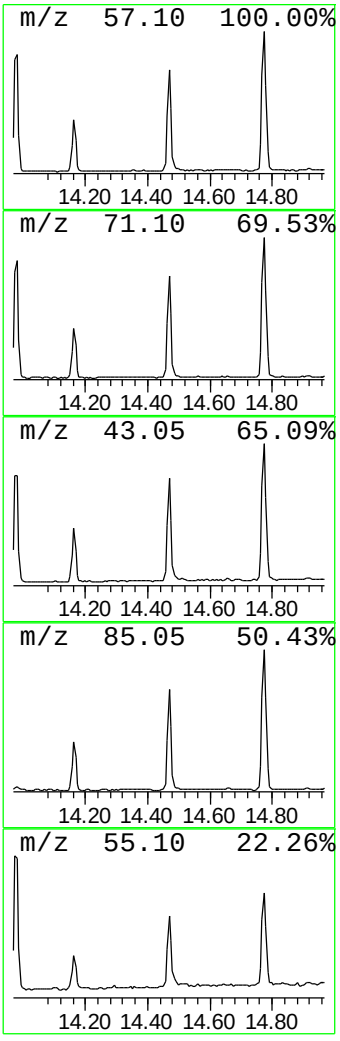
****

Peak Number 7 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	4.17 ng	670656	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Octadecane	254	C18H38	000593-45-3	87
5	Eicosane	282	C20H42	000112-95-8	83





Library Search Compound Report

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Operator : MA/SJ
Sample : L2790-03
Misc :
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Instrument : BNA_F
ClientSampleId : SB-1-S

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

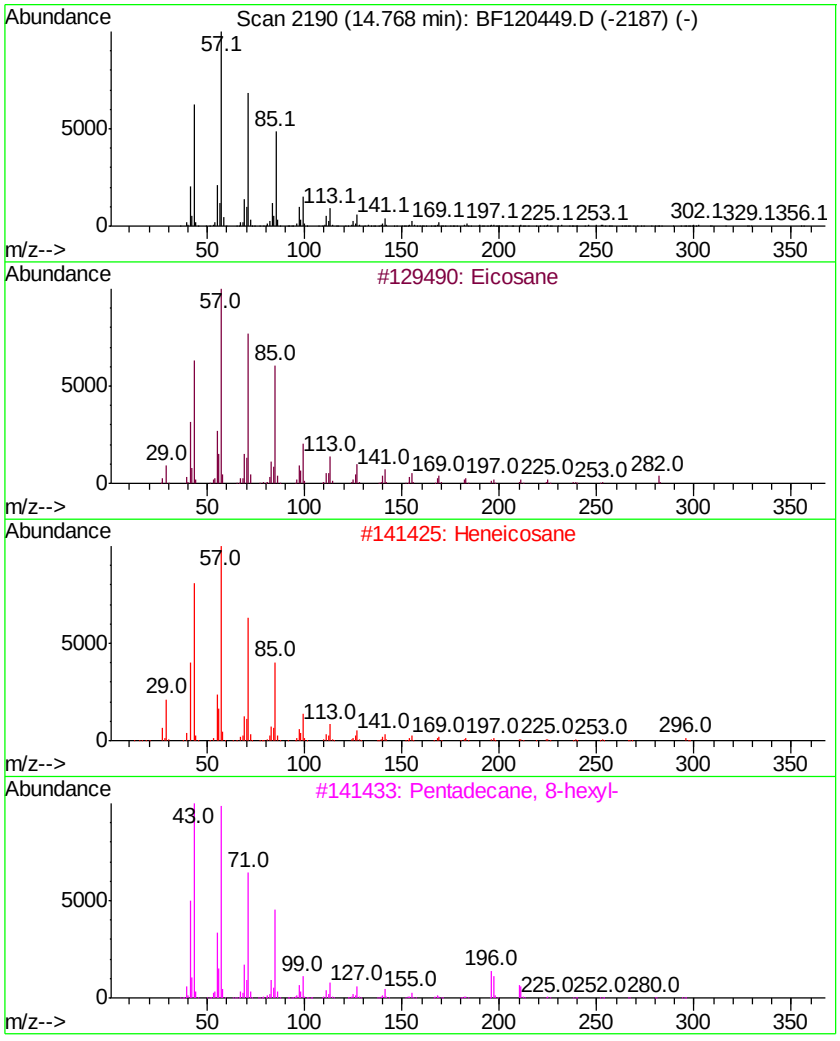
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

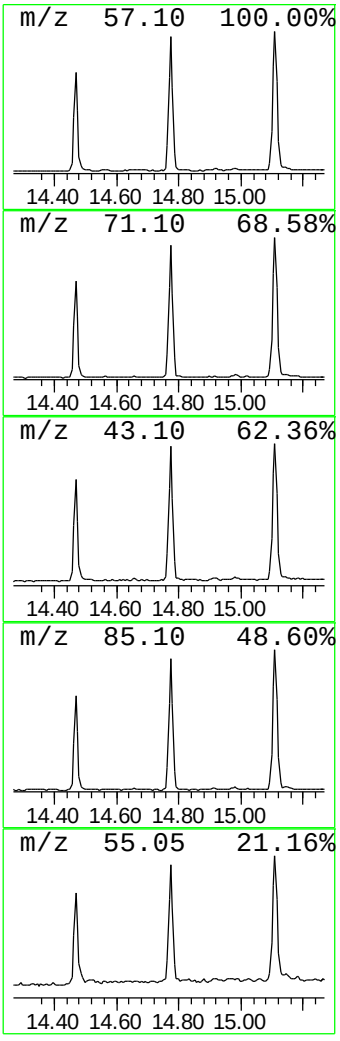
****

Peak Number 8 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	12.56 ng	926004	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heneicosane	296	C21H44	000629-94-7	97
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Octacosane	394	C28H58	000630-02-4	91





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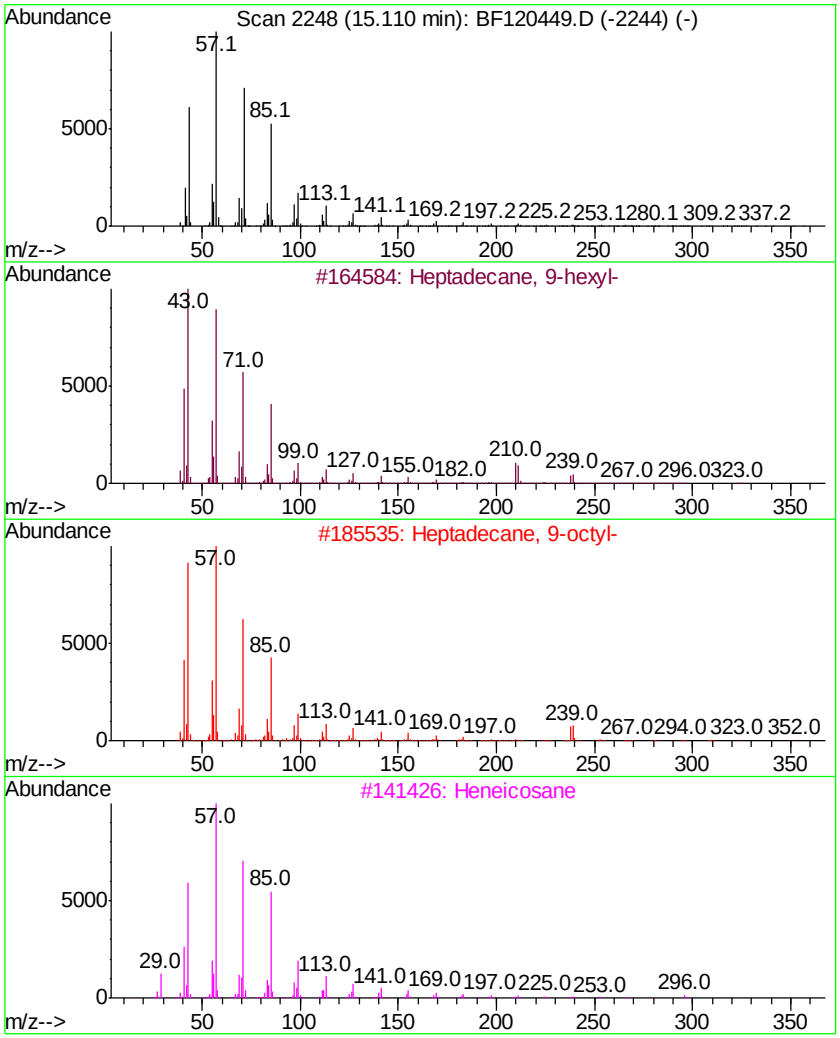
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

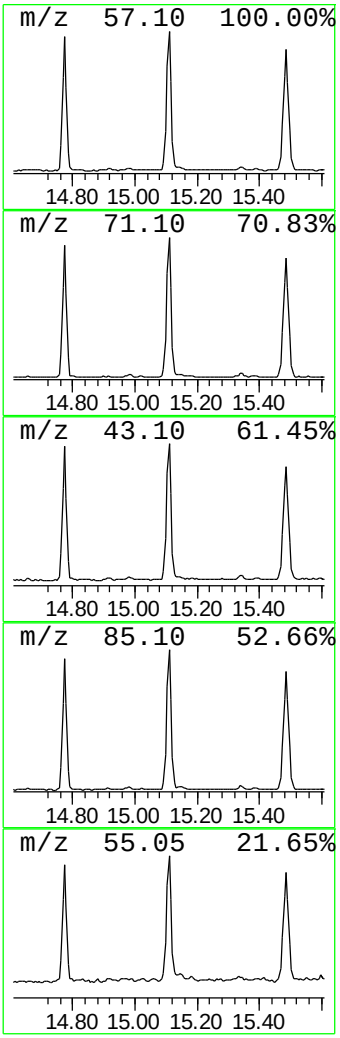
****

Peak Number 9 Heptadecane, 9-hexyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	14.26 ng	1051520	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Library Search Compound Report

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Sample : L2790-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1-S

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

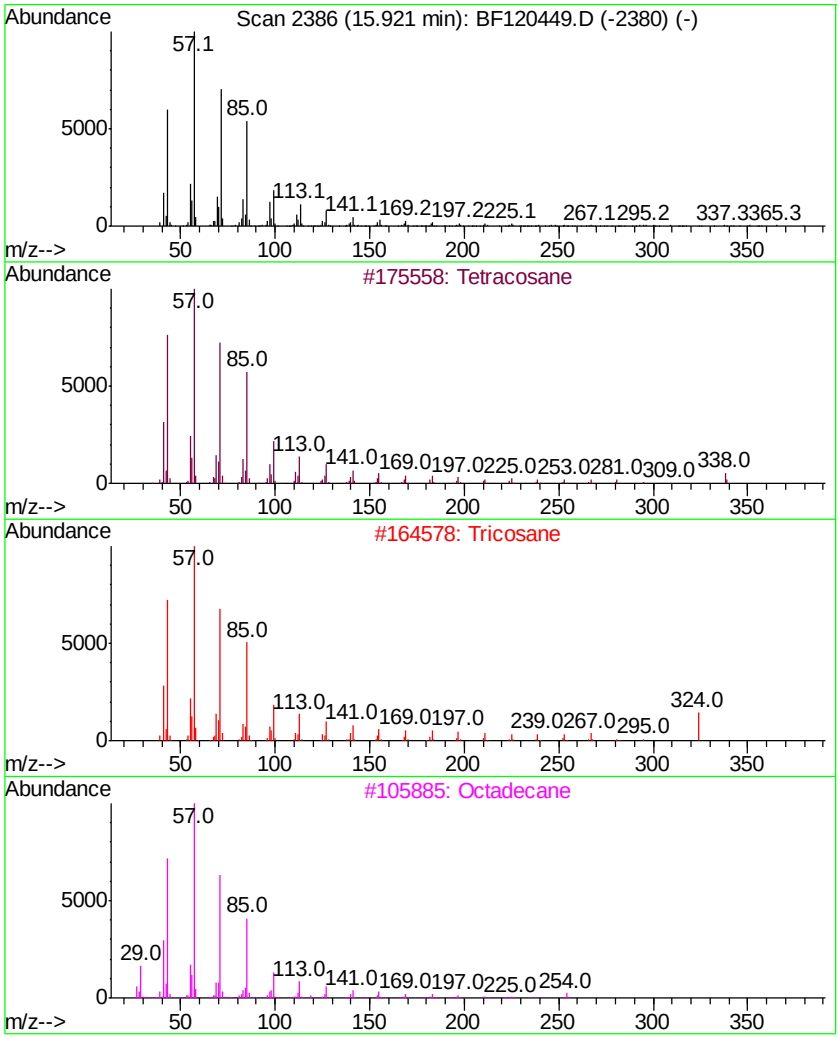
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

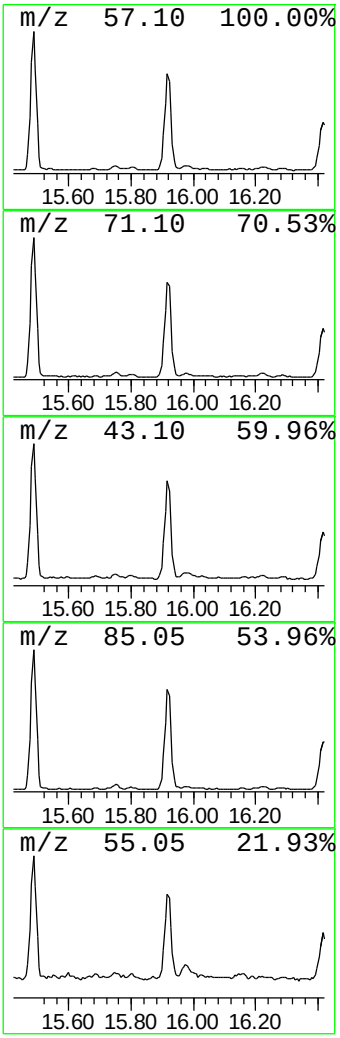
****

Peak Number 10 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	12.44 ng	917351	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Tricosane	324	C23H48	000638-67-5	93
3	Octadecane	254	C18H38	000593-45-3	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Operator : MA/SJ
Sample : L2790-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
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TIC Library : C:\DATABASE\NIST11.L
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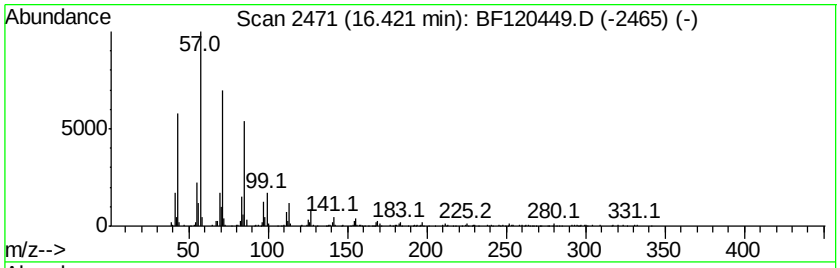
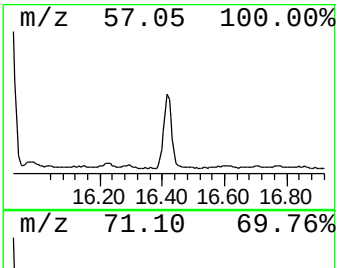
****

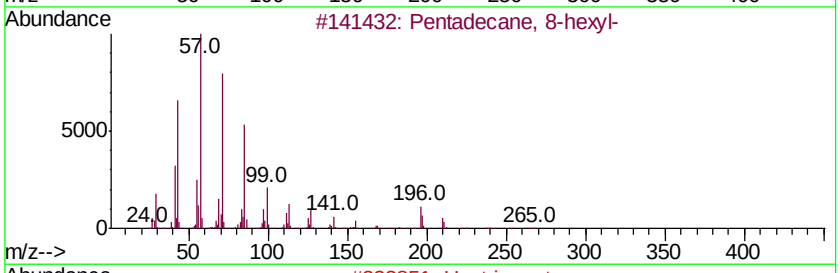
Peak Number 11 Pentadecane, 8-hexyl- Concentration Rank 8

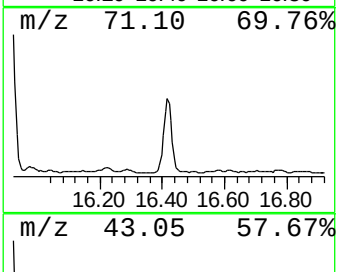
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	7.19 ng	530231	Perylene-d12	15.44

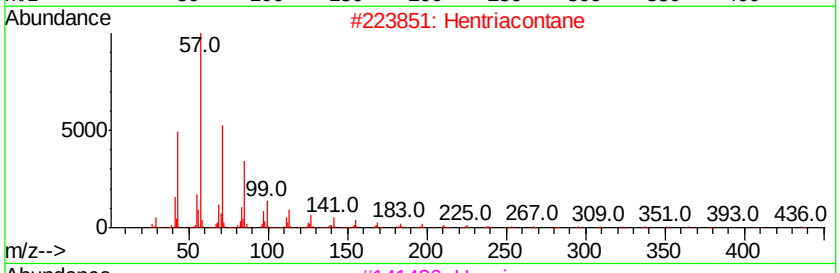
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2	Hentriacontane	437	C31H64	000630-04-6	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87

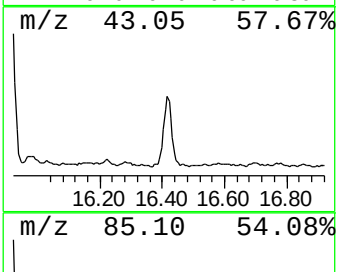


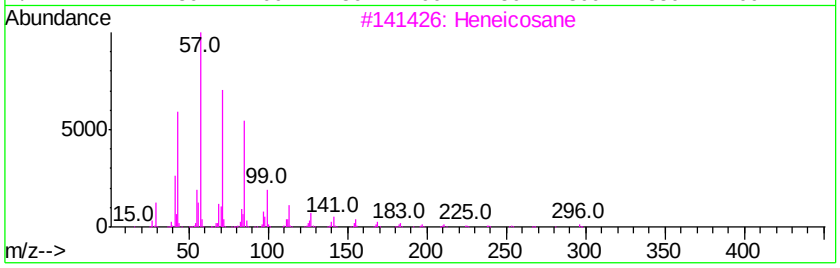


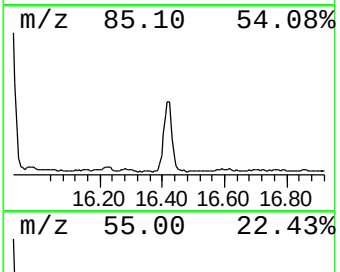


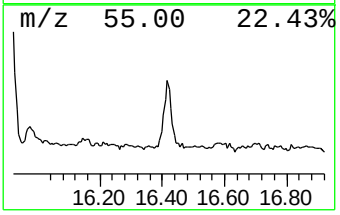












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120449.D
Acq On : 29 May 2020 19:50
Operator : MA/SJ
Sample : L2790-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1-S

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

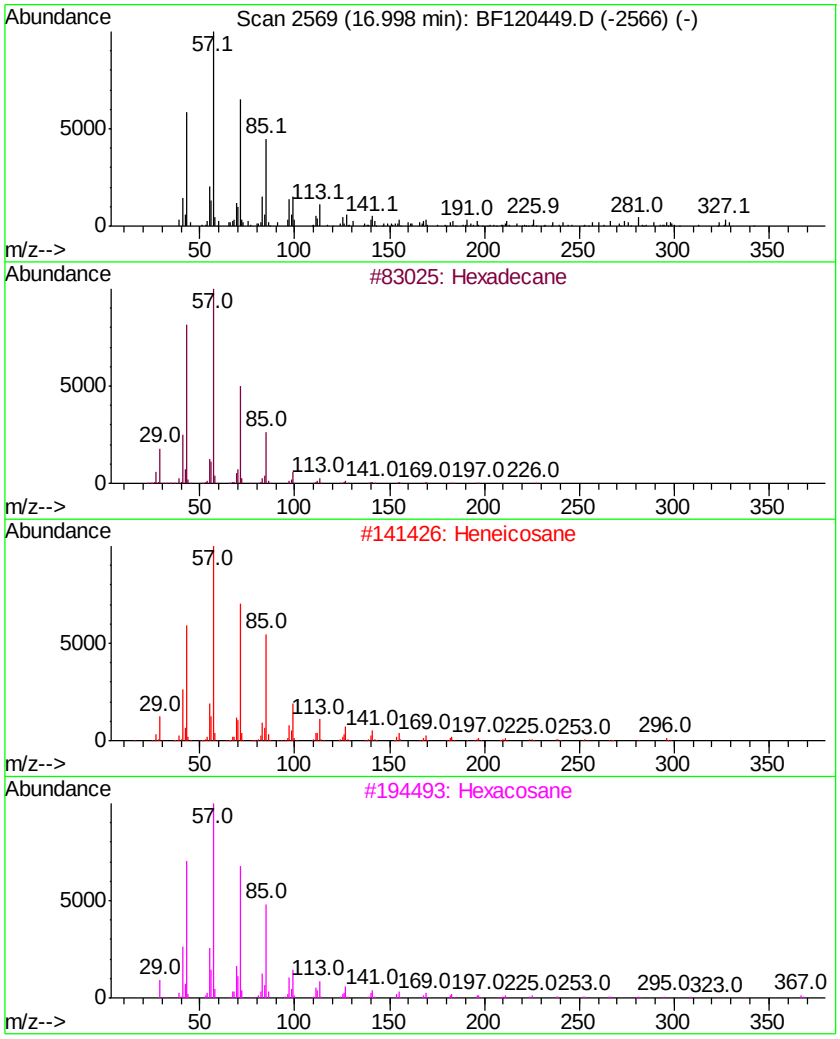
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

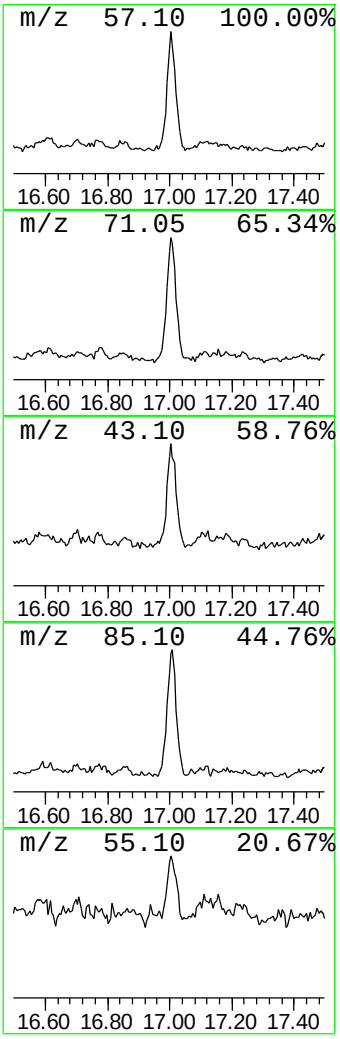
****

Peak Number 12 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.00	3.19 ng	235447	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Octacosane	394	C28H58	000630-02-4	87
5	Docosane	310	C22H46	000629-97-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052920\
Data File : BF120449.D
Acq On : 29 May 2020 19:50
Operator : MA/SJ
Sample : L2790-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1-S

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	9.4	ng	751828	1	6.84	1607040	20.0
Methylene chloride	1.96	44.9	ng	3608530	1	6.84	1607040	20.0
Butane, 2-methoxy...	2.10	21.0	ng	1689600	1	6.84	1607040	20.0
Hexanedioic acid,...	13.48	2.1	ng	331422	5	13.99	3218260	20.0
Triacontyl heptaf...	13.84	3.9	ng	619611	5	13.99	3218260	20.0
Heneicosane	14.47	4.2	ng	670656	5	13.99	3218260	20.0
Eicosane	14.77	12.6	ng	926004	6	15.44	1474840	20.0
Heptadecane, 9-he...	15.11	14.3	ng	1051520	6	15.44	1474840	20.0
Tetracosane	15.92	12.4	ng	917351	6	15.44	1474840	20.0
Pentadecane, 8-he...	16.42	7.2	ng	530231	6	15.44	1474840	20.0
Hexadecane	17.00	3.2	ng	235447	6	15.44	1474840	20.0