LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121436.D
Acq On : 25 Aug 2020 19:42
Operator : JU/CG
Sample : L3786-06 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 129

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-BF081920.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	5.304	544	547	568	rBV	1027822	1227720	50.95%	3.489%
2	6.339	720	723	740	rBV	1101573	1317080	54.66%	3.743%
3	6.534	754	756	770	rVB	64680	95850	3.98%	0.272%
4	6.692	780	783	792	rBV	1067819	874699	36.30%	2.486%
5	7.133	855	858	873	rVB	45390	85757	3.56%	0.244%
6	7.257	873	879	891	rBV	928507	880947	36.56%	2.503%
7	7.980	998	1002	1005	rBV	1274548	1155756	47.96%	3.284%
8	8.786	1134	1139	1146	rBV4	31601	62491	2.59%	0.178%
9	9.051	1180	1184	1193	rBV	1563887	1325922	55.03%	3.768%
10	9.127	1193	1197	1200	rBV3	36387	57687	2.39%	0.164%
11	9.175	1200	1205	1208	rBV	220588	223881	9.29%	0.636%
12	9.386	1238	1241	1244	rBV4	44942	55953	2.32%	0.159%
13	9.451	1247	1252	1255	rBV	396253	457694	18.99%	1.301%
14	9.545	1266	1268	1273	rBV5	24107	42260	1.75%	0.120%
15	9.592	1273	1276	1280	rBV3	95176	131877	5.47%	0.375%
16	9.633	1281	1283	1286	rVB	142461	126937	5.27%	0.361%
17	9.674	1286	1290	1292	rBV4	42475	61470	2.55%	0.175%
18	9.727	1292	1299	1302	rBV	1576925	1612085	66.90%	4.581%
19	9.763	1302	1305	1308	rVB	195747	200043	8.30%	0.568%
20	9.933	1331	1334	1336	rBV	118130	104653	4.34%	0.297%
21	9.986	1341	1343	1346	rBV2	106087	102284	4.24%	0.291%
22	10.045	1351	1353	1354	rBV2	85064	72168	3.00%	0.205%
23	10.133	1365	1368	1371	rBV2	222255	198519	8.24%	0.564%
24	10.274	1389	1392	1397	rBV2	263852	338810	14.06%	0.963%
25	10.386	1408	1411	1414	rVV	280305	263618	10.94%	0.749%
26	10.433	1417	1419	1423	rVB4	148419	136351	5.66%	0.387%
27	10.522	1431	1434	1437	rBV	856492	759758	31.53%	2.159%
28	10.651	1452	1456	1462	rBV	883526	1134329	47.08%	3.224%
29	11.121	1532	1536	1539	rVB2	943191	1053361	43.72%	2.993%
30	11.216	1549	1552	1554	rBV	1091150	1138700	47.26%	3.236%
31	11.245	1554	1557	1560	rVV	1794371	1718292	71.31%	4.883%
32	11.292	1563	1565	1569	rVB	558213	483496	20.07%	1.374%
33	12.439	1756	1760	1763	rVB	1944251	2061470	85.55%	5.858%
34	12.663	1793	1798	1803	rVB2	1841410	2254409	93.56%	6.407%

LSC Area Percent Report

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Acq On : 25 Aug 2020 19:42
Operator : JU/CG
Sample : L3786-06 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 129

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-BF081920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.798	1818	1821	1829	rVB	1169864	1380479	57.29%	3.923%
36	13.492	1937	1939	1943	rVB	180186	188577	7.83%	0.536%
37	13.604	1955	1958	1960	rBV	226738	209711	8.70%	0.596%
38	13.627	1960	1962	1964	rVV	179711	161291	6.69%	0.458%
39	13.657	1964	1967	1968	rVV	161516	167464	6.95%	0.476%
40	13.704	1972	1975	1984	rVB2	581190	772456	32.06%	2.195%
41	13.851	1995	2000	2003	rBV2	1572358	2409602	100.00%	6.848%
42	13.880	2003	2005	2008	rVB	1153308	881108	36.57%	2.504%
43	13.957	2016	2018	2021	rVB	246715	189855	7.88%	0.540%
44	14.239	2063	2066	2068	rBV	172672	159089	6.60%	0.452%
45	14.321	2077	2080	2082	rBV	262488	242963	10.08%	0.690%
46	14.868	2169	2173	2176	rBV	871913	1281076	53.17%	3.641%
47	14.933	2180	2184	2187	rVB2	437523	467804	19.41%	1.329%
48	14.968	2187	2190	2201	rBV2	285473	516923	21.45%	1.469%
49	15.151	2217	2221	2227	rVB	528016	600839	24.94%	1.707%
50	15.209	2227	2231	2236	rBV	768075	857913	35.60%	2.438%
51	15.268	2237	2241	2244	rBV	957269	1177405	48.86%	3.346%
52	15.686	2307	2312	2316	rBV	260708	356175	14.78%	1.012%
53	16.633	2467	2473	2479	rBV2	405756	783397	32.51%	2.226%
54	17.045	2537	2543	2553	rBV	278047	568857	23.61%	1.617%

Sum of corrected areas: 35189311

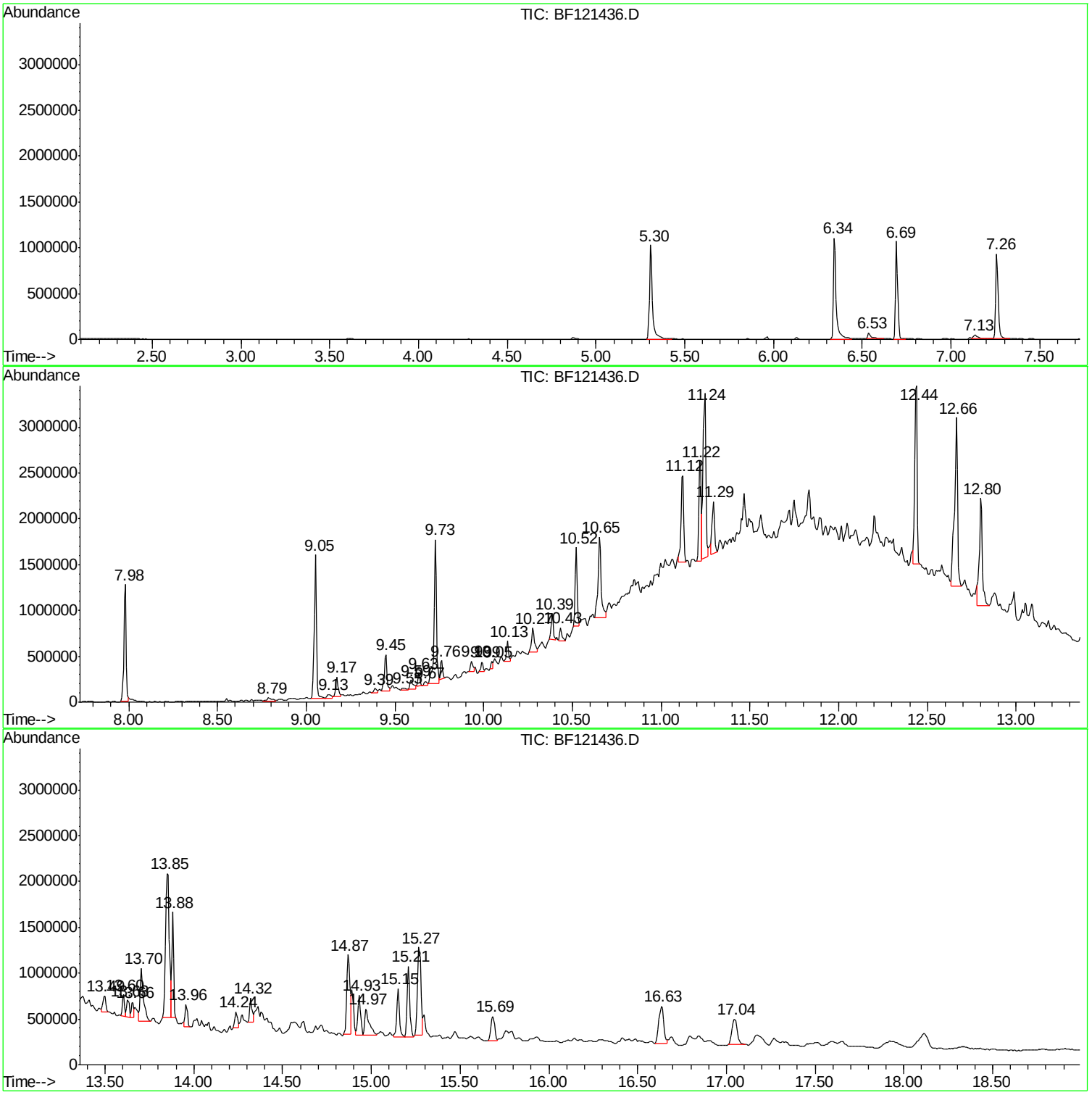
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121436.D
Acq On : 25 Aug 2020 19:42
Operator : JU/CG
Sample : L3786-06 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 129

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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\BF082520\
Data File : BF121436.D
Acq On : 25 Aug 2020 19:42
Operator : JU/CG
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 129

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

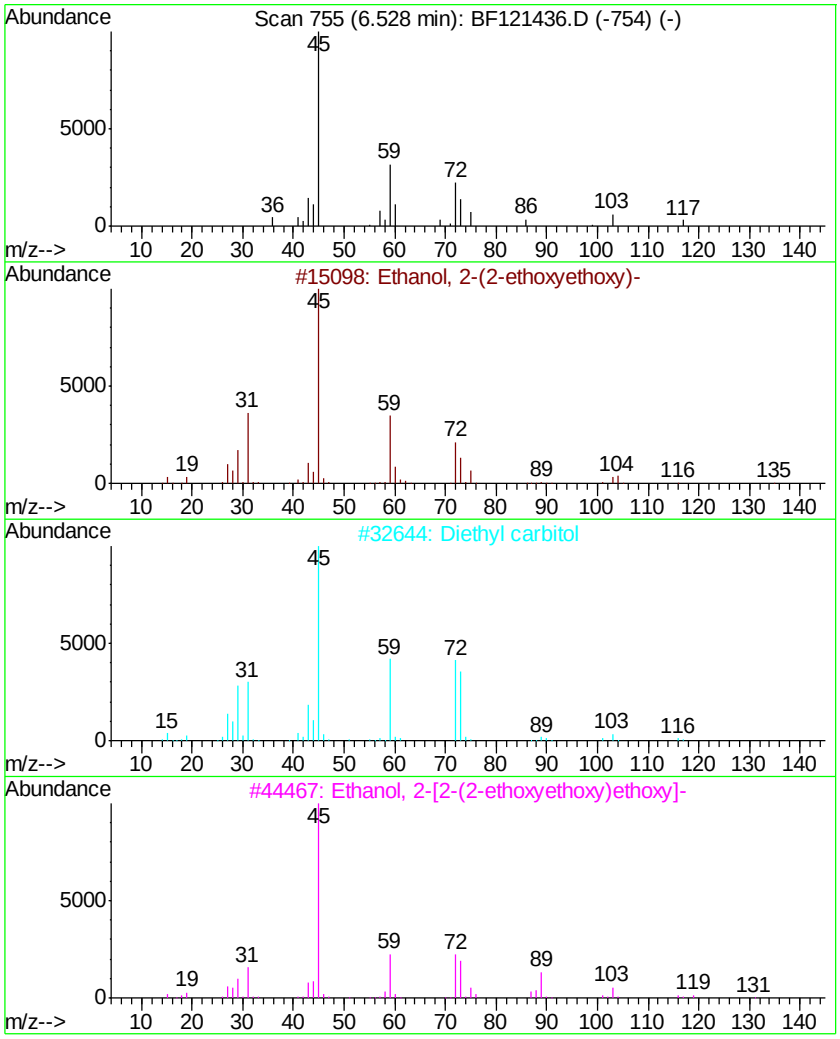
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

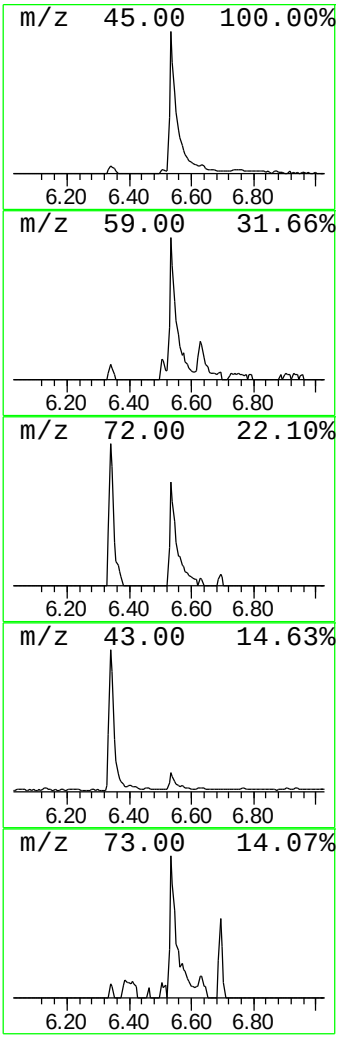
****

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	2.19 ng	95850	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Diethyl carbitol	162	C8H18O3	000112-36-7	72
3	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	50
4	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
5	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121436.D
Acq On : 25 Aug 2020 19:42
Operator : JU/CG
Sample : L3786-06 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 129

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

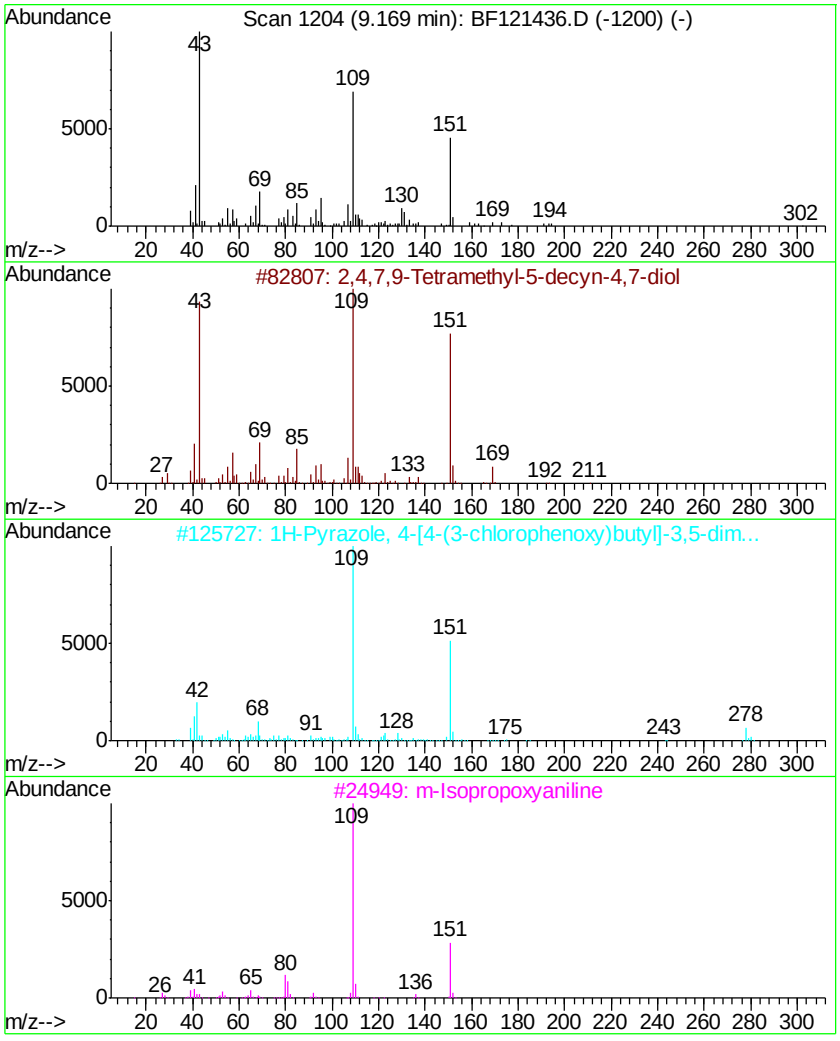
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

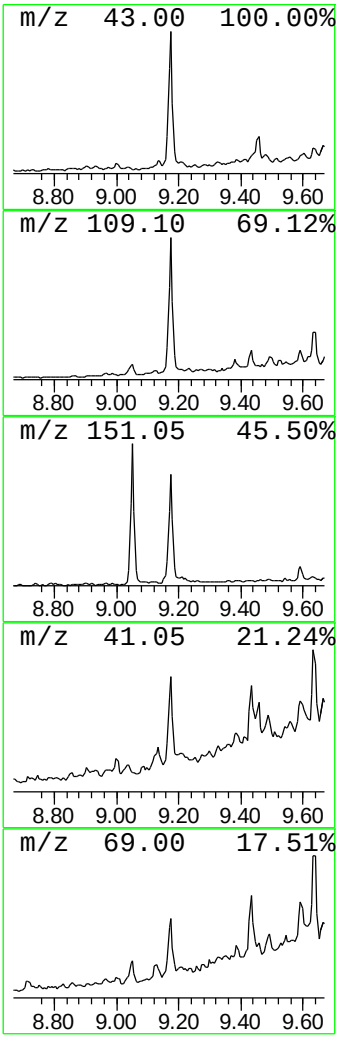
****

Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	2.78 ng	223881	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	1H-Pyrazole, 4-[4-(3-chloropheno...	278	C15H19ClN2O	1000302-33-9	59
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	53
4	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53
5	Metacetamol	151	C8H9NO2	000621-42-1	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121436.D
Acq On : 25 Aug 2020 19:42
Operator : JU/CG
Sample : L3786-06 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 129

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

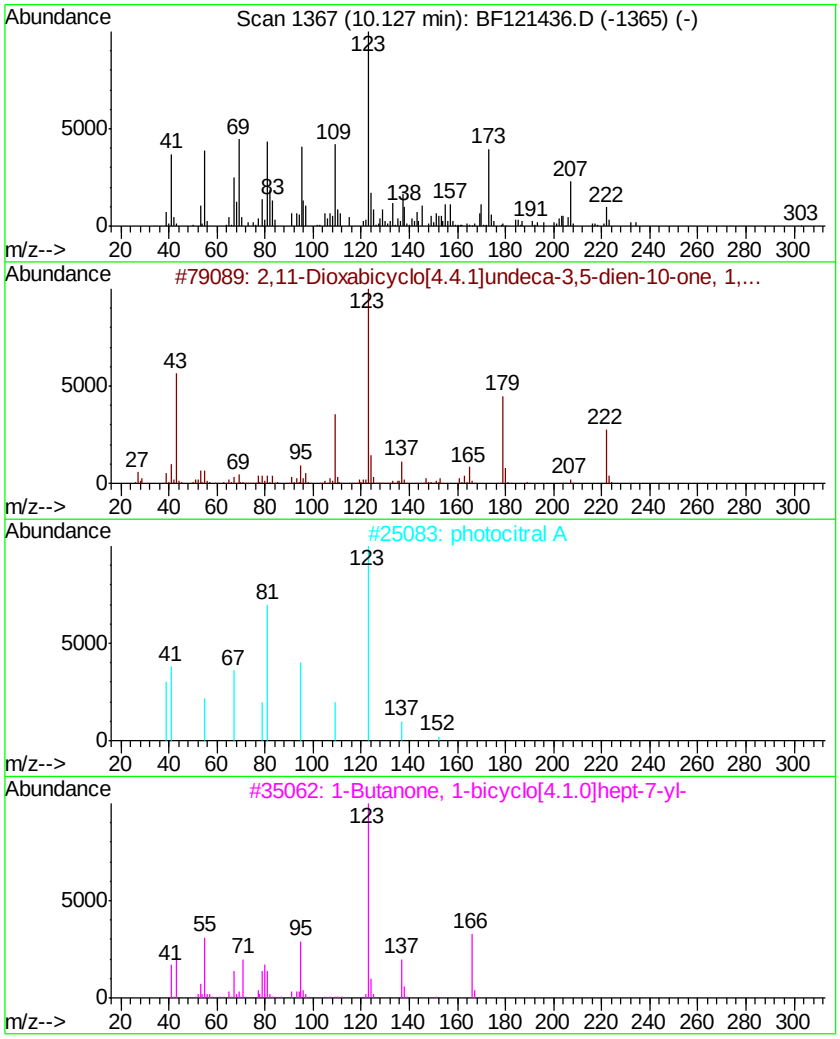
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

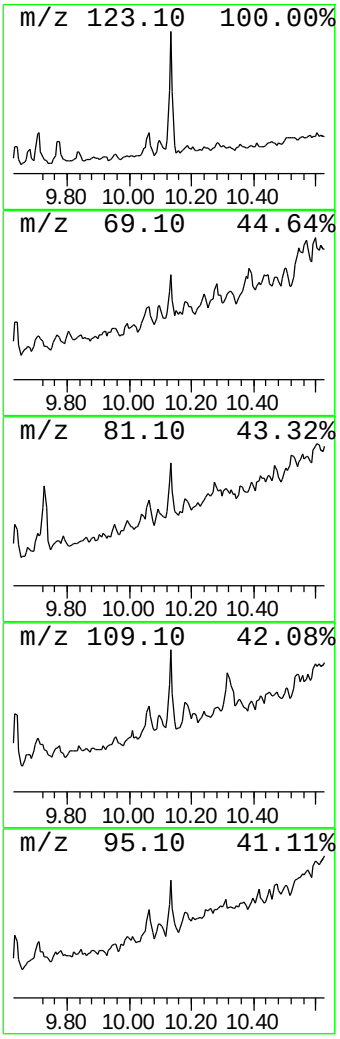
****

Peak Number 3 2,11-Dioxabicyclo[4.4.1]und... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	2.46 ng	198519	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,11-Dioxabicyclo[4.4.1]undeca-3...	222	C13H18O3	070412-52-1	53
2	photocitral A	152	C10H16O	055253-28-6	50
3	1-Butanone, 1-bicyclo[4.1.0]hept...	166	C11H18O	054764-62-4	50
4	(Phenylthio)acetic acid, cyclobu...	222	C12H14O2S	1000299-95-5	49
5	Ethanone, 1-[3-[2-methyl-2-(5-me...	222	C13H18O3	080114-28-9	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121436.D
Acq On : 25 Aug 2020 19:42
Operator : JU/CG
Sample : L3786-06 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 129

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

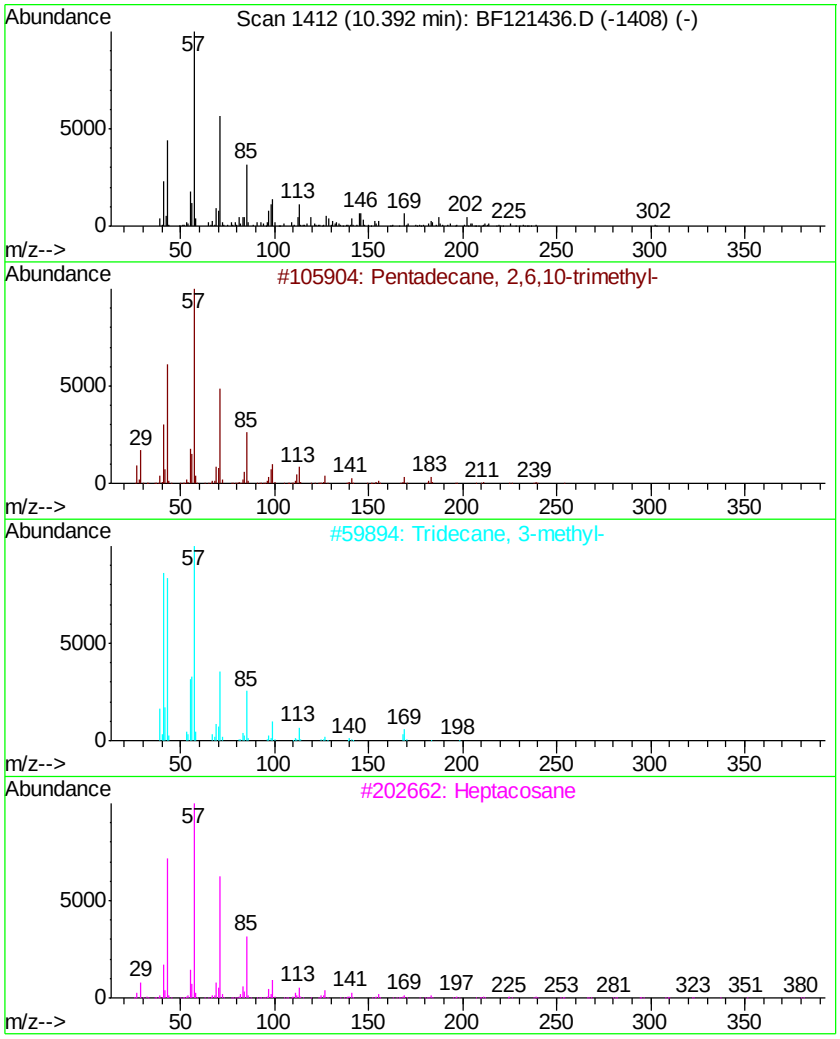
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

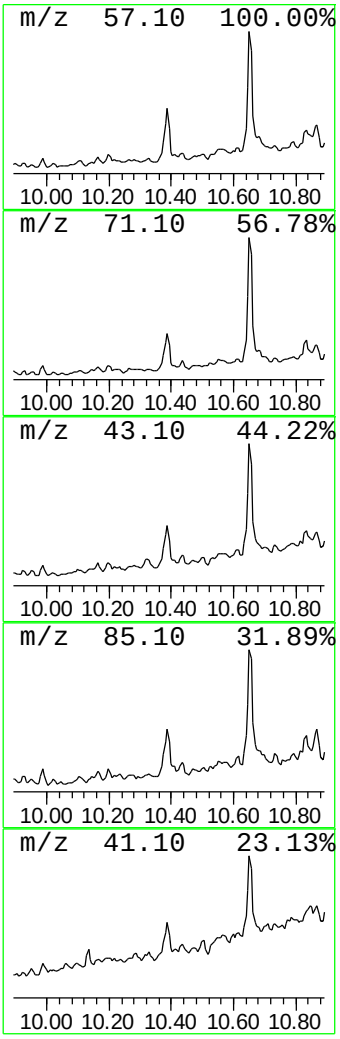
****

Peak Number 5 Pentadecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	3.27 ng	263618	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	80
3	Heptacosane	380	C27H56	000593-49-7	80
4	Hexadecane	226	C16H34	000544-76-3	72
5	Heneicosane	296	C21H44	000629-94-7	64





Library Search Compound Report

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Operator : JU/CG
Sample : L3786-06 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 129

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

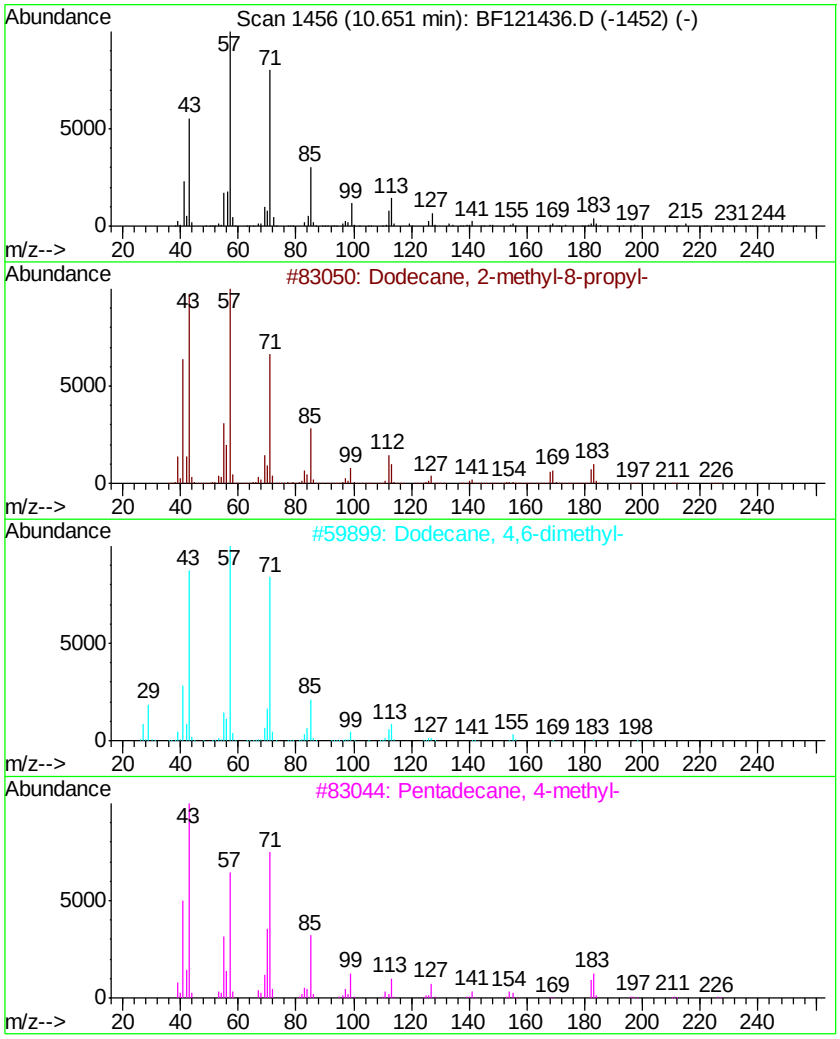
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

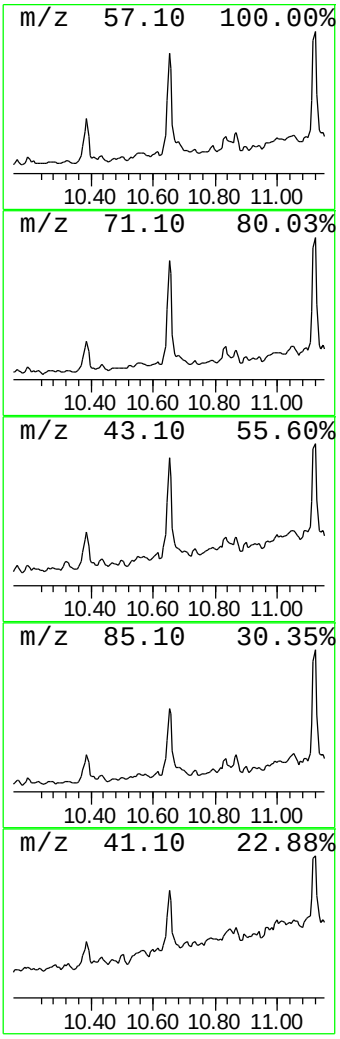
****

Peak Number 6 Dodecane, 2-methyl-8-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	19.92 ng	1134330	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	87
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	86
3	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	83
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	80
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78





Library Search Compound Report

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 129

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

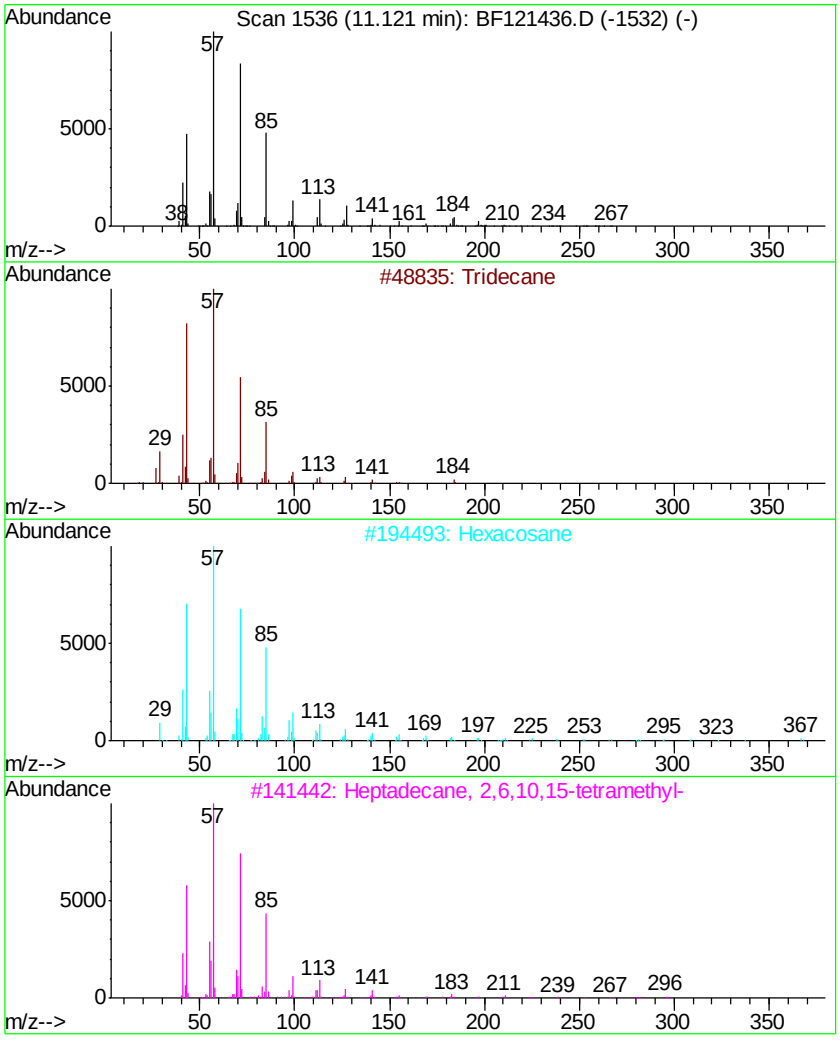
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

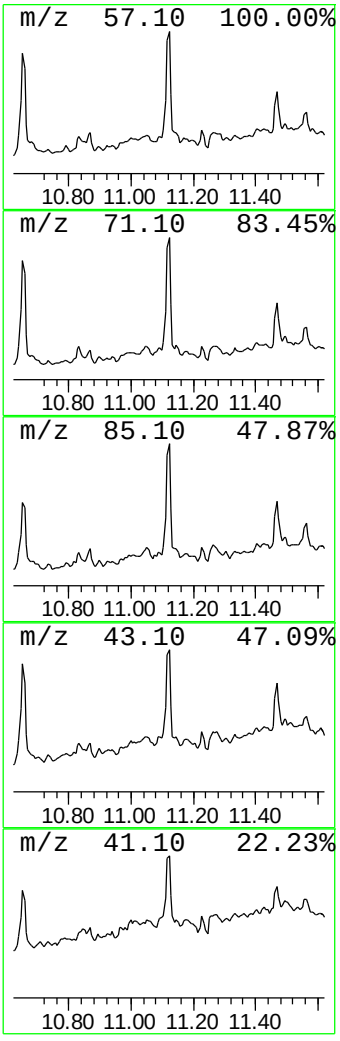
****

Peak Number 7 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	18.50 ng	1053360	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Octadecane	254	C18H38	000593-45-3	78
5	Tetradecane	198	C14H30	000629-59-4	72





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Data File : BF121436.D
Acq On : 25 Aug 2020 19:42
Operator : JU/CG
Sample : L3786-06 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 129

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

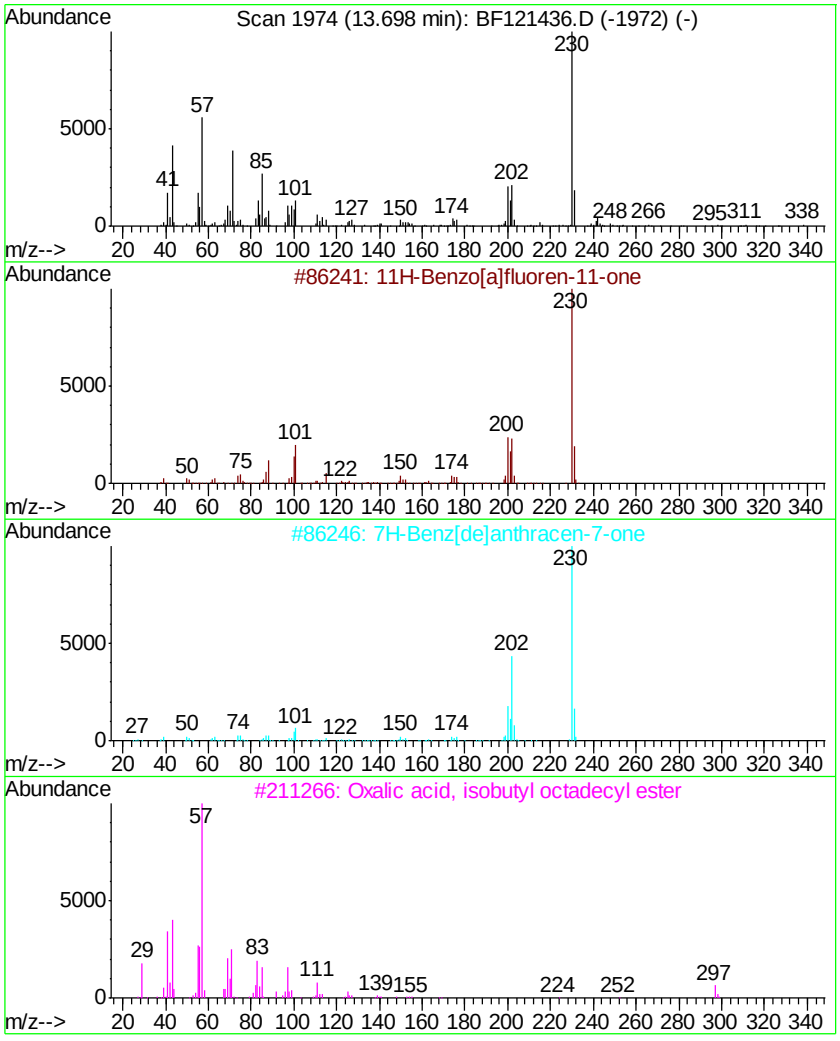
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

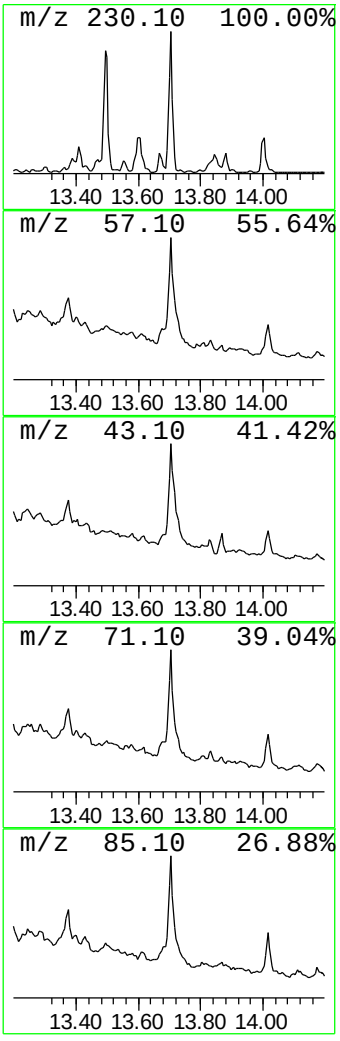
****

Peak Number 8 11H-Benzo[a]fluoren-11-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	6.41 ng	772456	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	70
3	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	30
4	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	30
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121436.D
Acq On : 25 Aug 2020 19:42
Operator : JU/CG
Sample : L3786-06 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 129

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

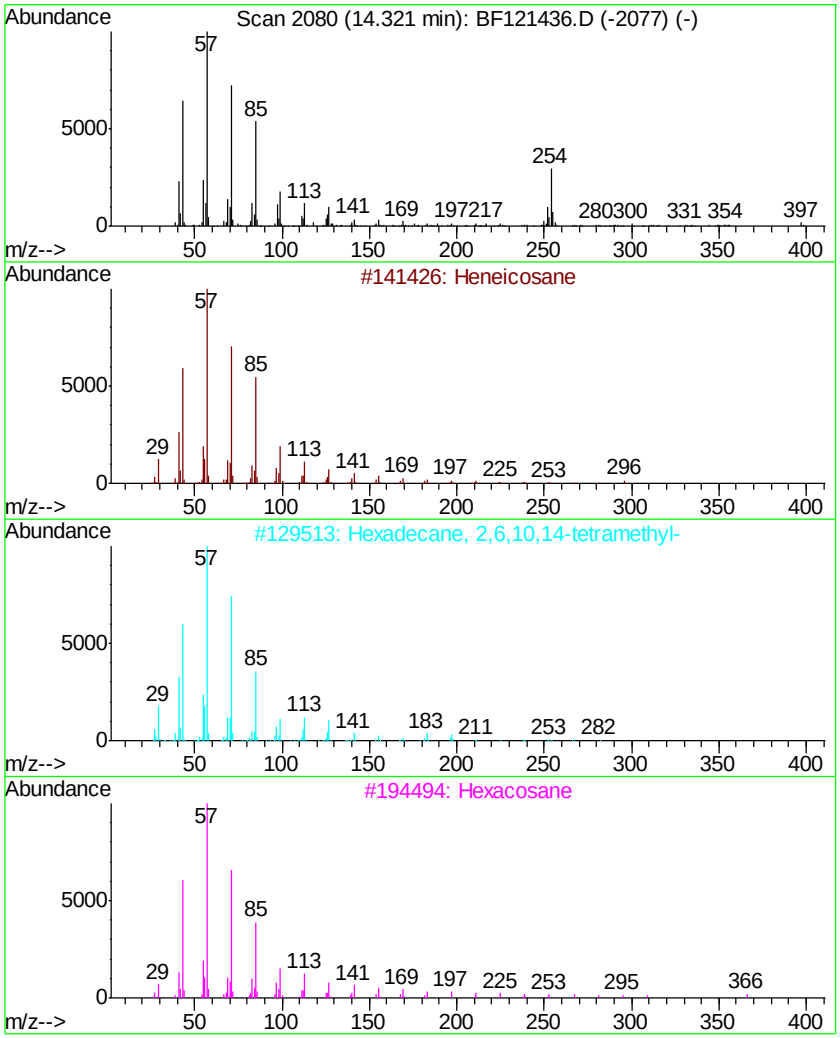
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

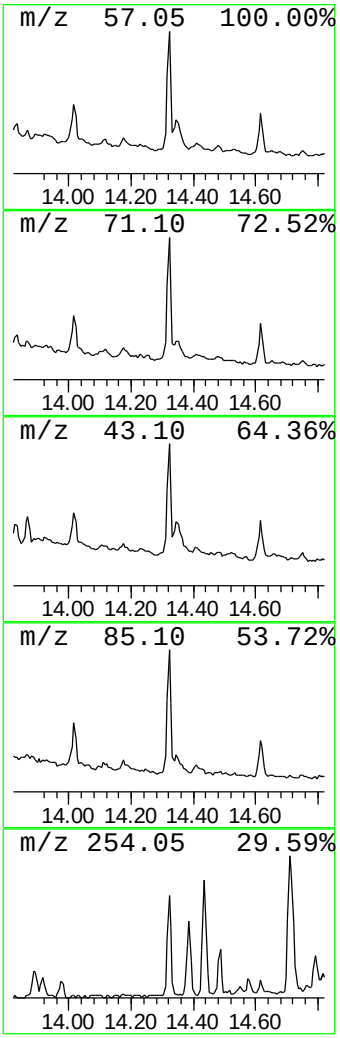
****

Peak Number 9 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	2.02 ng	242963	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	81
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
3	Hexacosane	366	C26H54	000630-01-3	74
4	Heptadecane	240	C17H36	000629-78-7	74
5	Pentacosane	352	C25H52	000629-99-2	74





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Operator : JU/CG
Sample : L3786-06 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 129

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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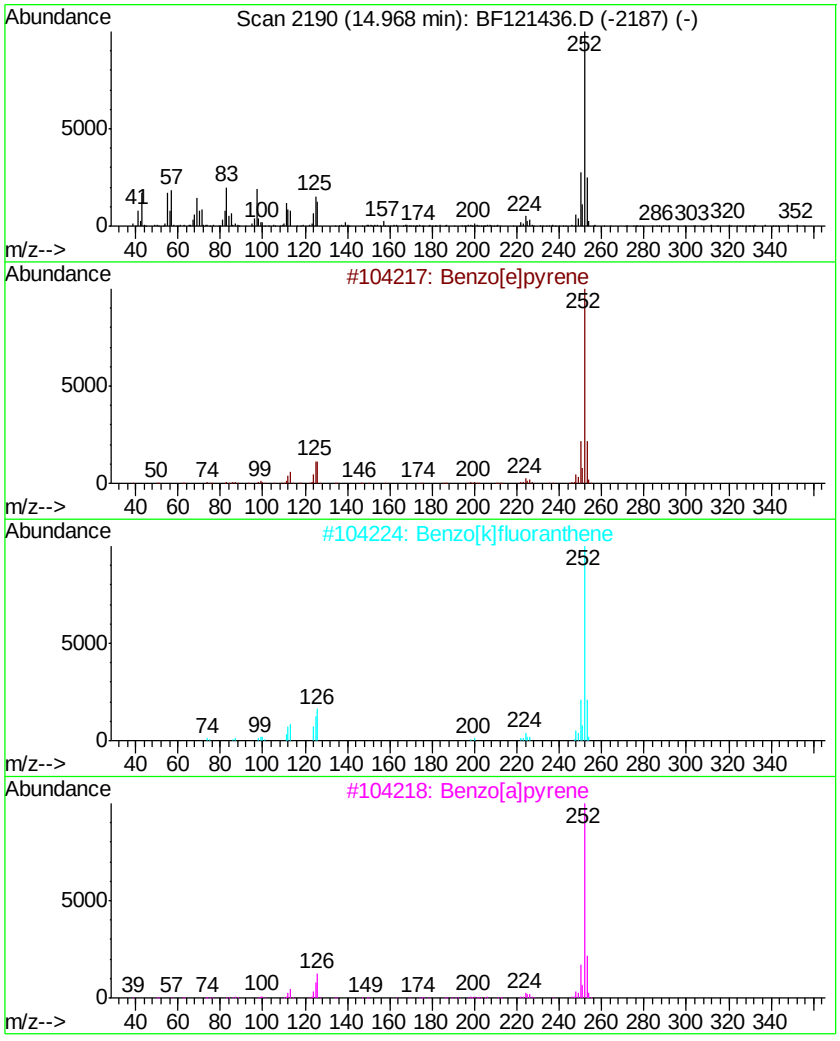
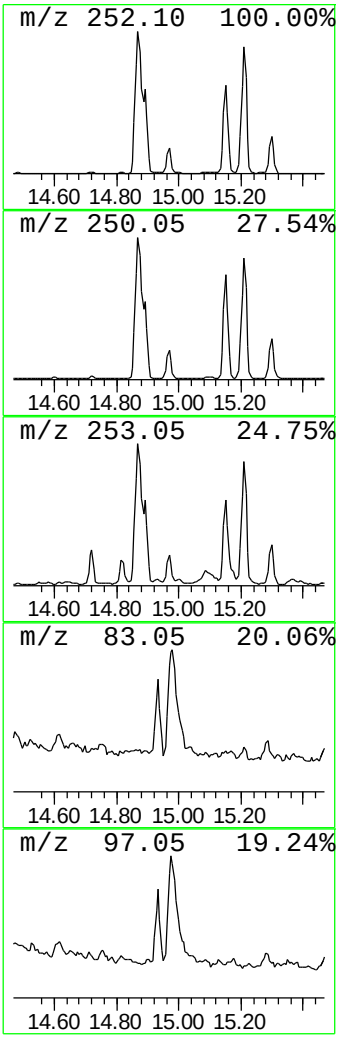
Peak Number 10 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	8.78 ng	516923	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	86





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Operator : JU/CG
Sample : L3786-06 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 129

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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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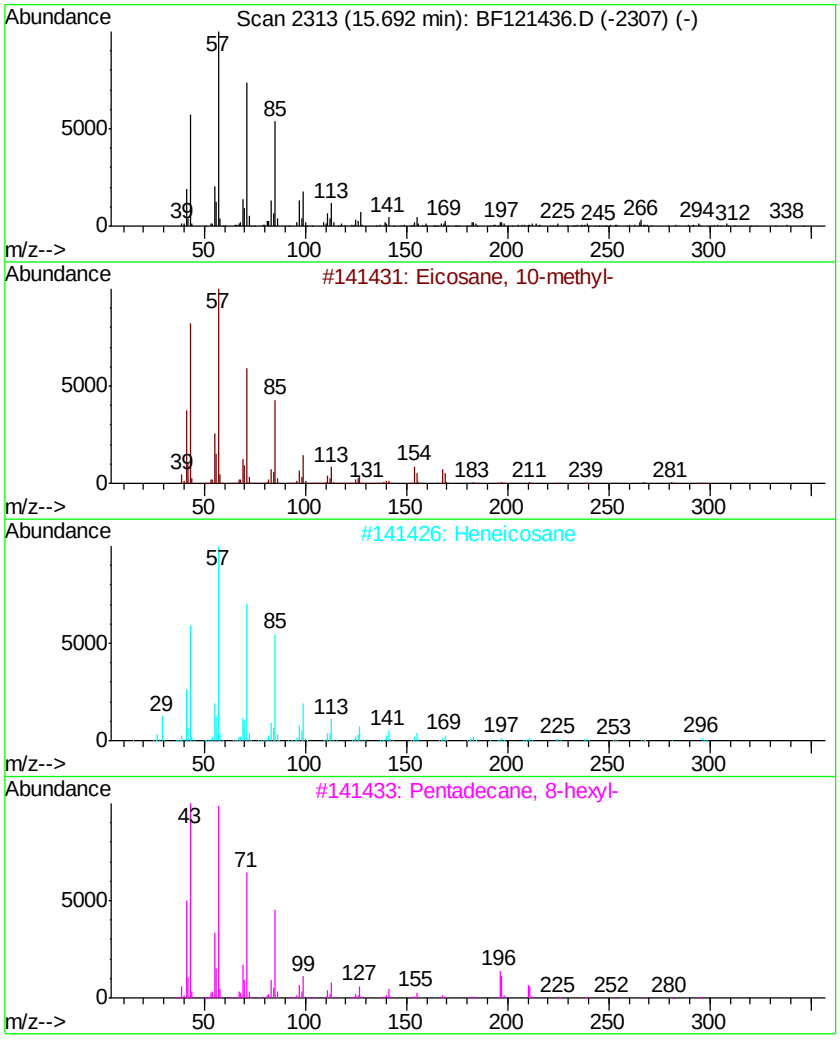
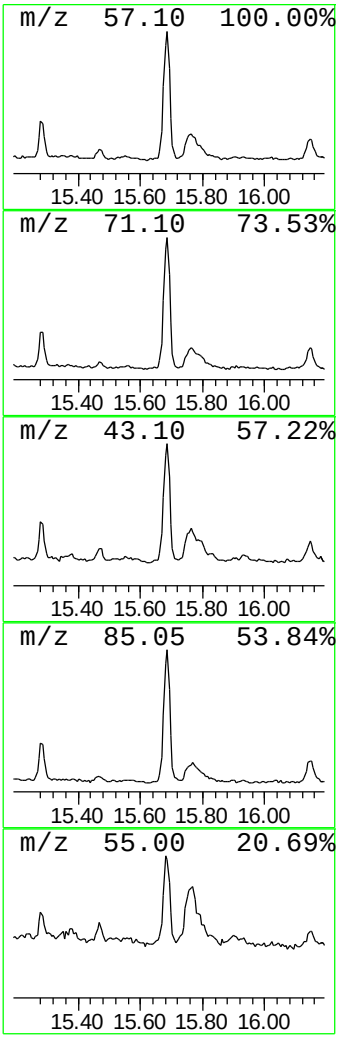
Peak Number 12 Eicosane, 10-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	6.05 ng	356175	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2	Heneicosane	296	C21H44	000629-94-7	93
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Octacosane	394	C28H58	000630-02-4	90
5	Hexacosane	366	C26H54	000630-01-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082520\
Data File : BF121436.D
Acq On : 25 Aug 2020 19:42
Operator : JU/CG
Sample : L3786-06 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 129

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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
Ethanol, 2-(2-eth...	6.53	2.2	ng	95850	1	6.69	874699	20.0
2,4,7,9-Tetrameth...	9.17	2.8	ng	223881	3	9.73	1612090	20.0
2,11-Dioxabicyclo...	10.13	2.5	ng	198519	3	9.73	1612090	20.0
Pentadecane, 2,6,...	10.39	3.3	ng	263618	3	9.73	1612090	20.0
Dodecane, 2-methy...	10.65	19.9	ng	1134330	4	11.22	1138700	20.0
Tridecane	11.12	18.5	ng	1053360	4	11.22	1138700	20.0
11H-Benzo[a]fluor...	13.70	6.4	ng	772456	5	13.86	2409600	20.0
Heneicosane	14.32	2.0	ng	242963	5	13.86	2409600	20.0
Benzo[e]pyrene	14.97	8.8	ng	516923	6	15.27	1177410	20.0
Eicosane, 10-methyl-	15.69	6.0	ng	356175	6	15.27	1177410	20.0