LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
Data File : BF121387.D
Acq On : 22 Aug 2020 1:26
Operator : JU/CG
Sample : L3747-01 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 340

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	4.204	357	360	371	rBV	86920	121216	11.21%	0.741%
2	4.863	469	472	482	rBV	63586	72458	6.70%	0.443%
3	6.346	721	724	740	rVB	71081	92664	8.57%	0.566%
4	6.698	780	784	791	rBV	936517	826192	76.40%	5.048%
5	6.763	791	795	805	rVV	673830	554275	51.26%	3.387%
6	7.257	876	879	884	rBV	77280	91405	8.45%	0.559%
7	7.492	916	919	921	rBV	33986	39210	3.63%	0.240%
8	7.522	921	924	934	rVB3	35250	60470	5.59%	0.370%
9	7.892	981	987	993	rBV2	24174	41573	3.84%	0.254%
10	7.981	998	1002	1008	rVV	1318823	1054826	97.55%	6.446%
11	9.051	1181	1184	1189	rVB	184803	152705	14.12%	0.933%
12	9.139	1194	1199	1202	rBV	64845	54742	5.06%	0.335%
13	9.551	1265	1269	1275	rBV2	56068	78886	7.30%	0.482%
14	9.669	1286	1289	1290	rBV	57243	48227	4.46%	0.295%
15	9.734	1296	1300	1303	rBV	1287959	1081363	100.00%	6.608%
16	10.169	1370	1374	1376	rVB	72329	60591	5.60%	0.370%
17	10.375	1406	1409	1413	rBV3	86383	140595	13.00%	0.859%
18	10.469	1423	1425	1428	rBV	53645	45881	4.24%	0.280%
19	10.504	1428	1431	1433	rBV	64648	56116	5.19%	0.343%
20	10.575	1437	1443	1446	rBV4	36450	70402	6.51%	0.430%
21	10.610	1446	1449	1451	rBV	35895	39337	3.64%	0.240%
22	10.639	1451	1454	1456	rBV	187036	188334	17.42%	1.151%
23	10.663	1456	1458	1461	rVB2	97783	116219	10.75%	0.710%
24	10.733	1468	1470	1472	rVB2	53139	42355	3.92%	0.259%
25	10.775	1472	1477	1479	rBV2	142560	181392	16.77%	1.108%
26	10.833	1483	1487	1491	rBV	267563	395354	36.56%	2.416%
27	10.869	1491	1493	1495	rVB	104036	80382	7.43%	0.491%
28	10.898	1495	1498	1500	rBV	153350	123785	11.45%	0.756%
29	10.928	1500	1503	1504	rBV	106433	89288	8.26%	0.546%
30	10.963	1507	1509	1511	rBV	156173	141971	13.13%	0.868%
31	11.086	1526	1530	1532	rBV2	252137	328978	30.42%	2.010%
32	11.116	1532	1535	1537	rVV2	252876	361764	33.45%	2.211%
33	11.216	1548	1552	1555	rBV	1103404	1017133	94.06%	6.215%
34	11.239	1555	1556	1557	rVV	114794	73414	6.79%	0.449%

LSC Area Percent Report

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Acq On : 22 Aug 2020 1:26
Operator : JU/CG
Sample : L3747-01 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 340

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	11.269	1558	1561	1566	rVV	448121	731311	67.63%	4.469%
36	11.333	1570	1572	1575	rBV	225907	176229	16.30%	1.077%
37	11.363	1575	1577	1581	rBV2	262919	300117	27.75%	1.834%
38	11.398	1581	1583	1586	rBV	370363	408802	37.80%	2.498%
39	11.528	1601	1605	1609	rBV	548983	944702	87.36%	5.773%
40	11.680	1629	1631	1637	rBV2	514832	813745	75.25%	4.972%
41	11.751	1641	1643	1646	rVB	271331	196433	18.17%	1.200%
42	11.780	1646	1648	1651	rBV2	278745	233859	21.63%	1.429%
43	11.816	1651	1654	1657	rBV	537411	746417	69.03%	4.561%
44	11.933	1671	1674	1676	rBV	685176	804764	74.42%	4.918%
45	12.080	1696	1699	1701	rBV	561612	722890	66.85%	4.417%
46	12.210	1719	1721	1724	rBV	487533	542201	50.14%	3.313%
47	12.322	1737	1740	1742	rBV	651142	741880	68.61%	4.533%
48	12.457	1761	1763	1769	rBV	556207	1078379	99.72%	6.589%

Sum of corrected areas: 16365232

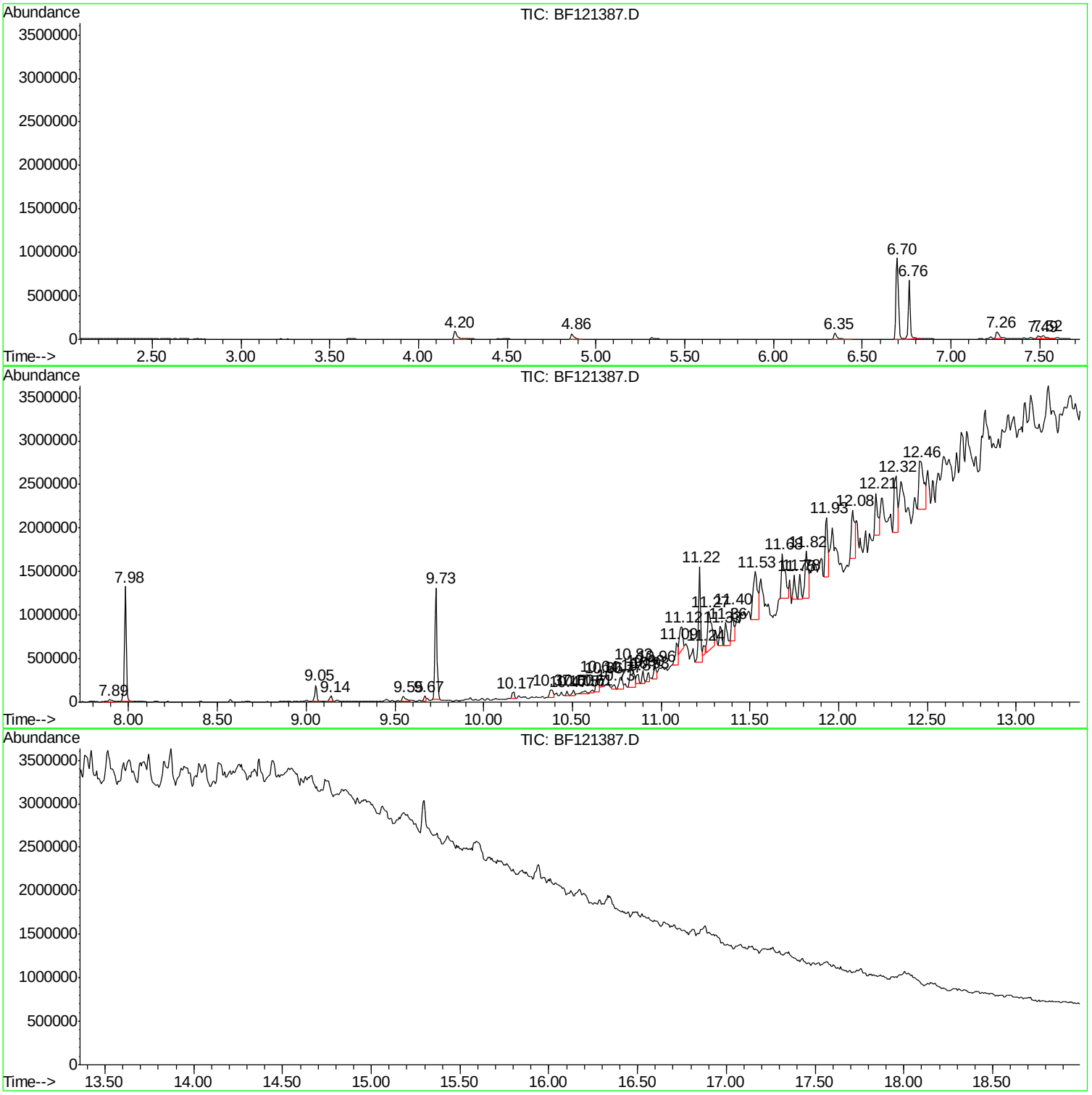
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
Data File : BF121387.D
Acq On : 22 Aug 2020 1:26
Operator : JU/CG
Sample : L3747-01 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 340

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
Data File : BF121387.D
Acq On : 22 Aug 2020 1:26
Operator : JU/CG
Sample : L3747-01 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 340

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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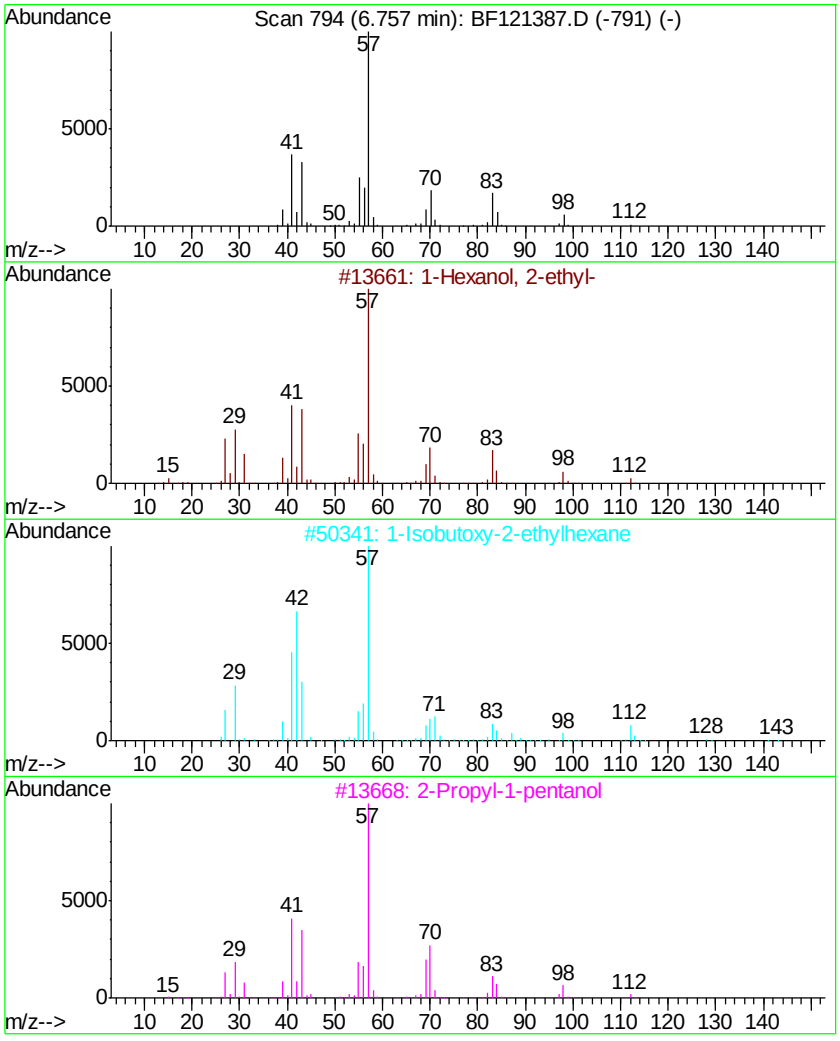
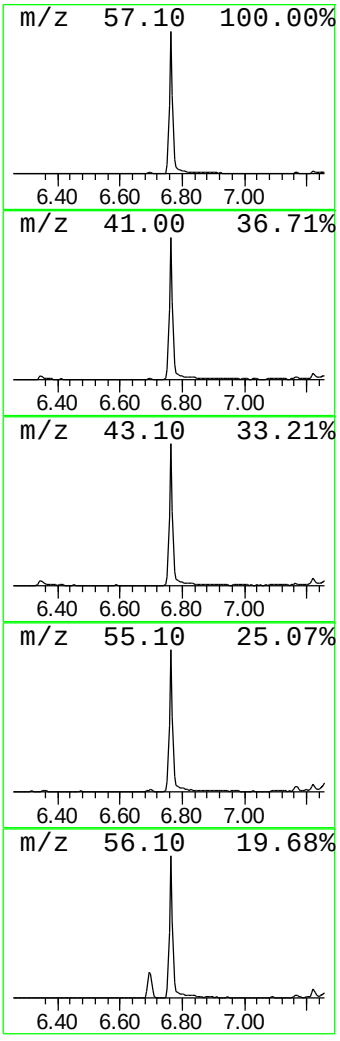
Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	13.42 ng	554275	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	64
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
5	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
Data File : BF121387.D
Acq On : 22 Aug 2020 1:26
Operator : JU/CG
Sample : L3747-01 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 340

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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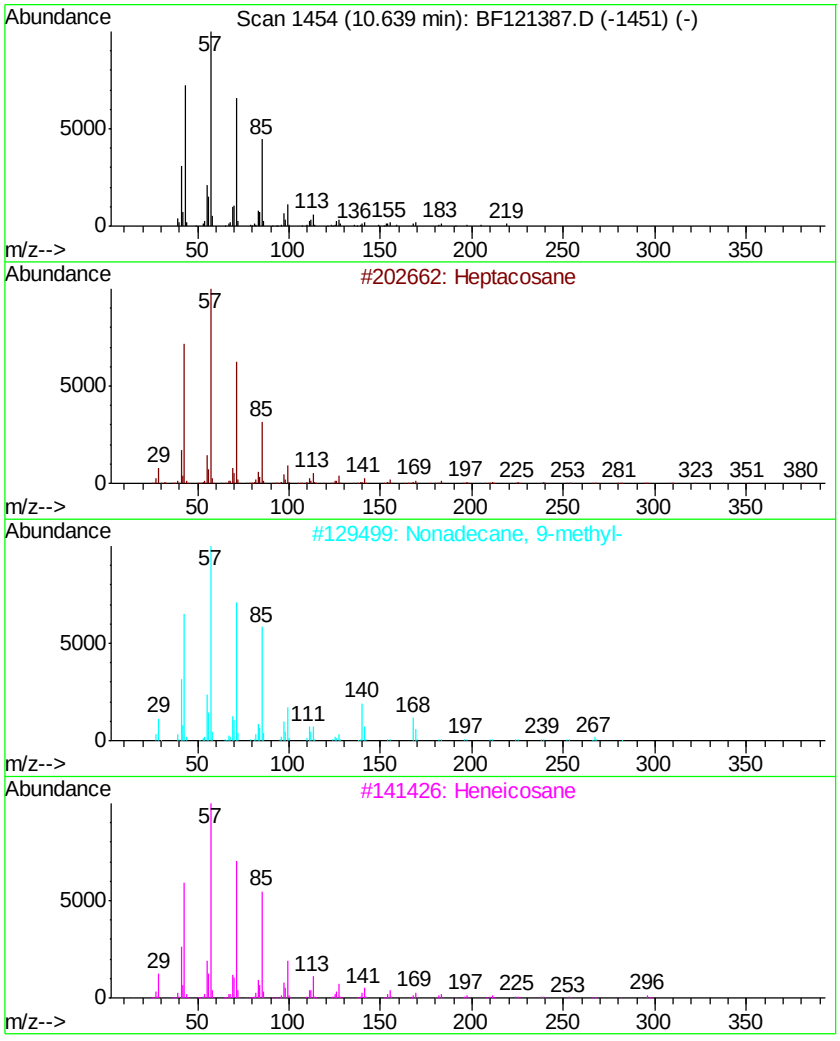
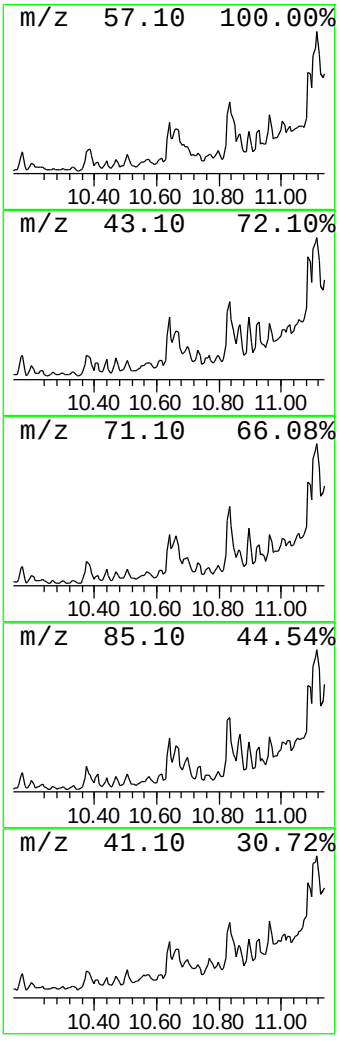
Peak Number 2 Heptacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	3.70 ng	188334	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Nonadecane	268	C19H40	000629-92-5	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
Data File : BF121387.D
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Operator : JU/CG
Sample : L3747-01 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 340

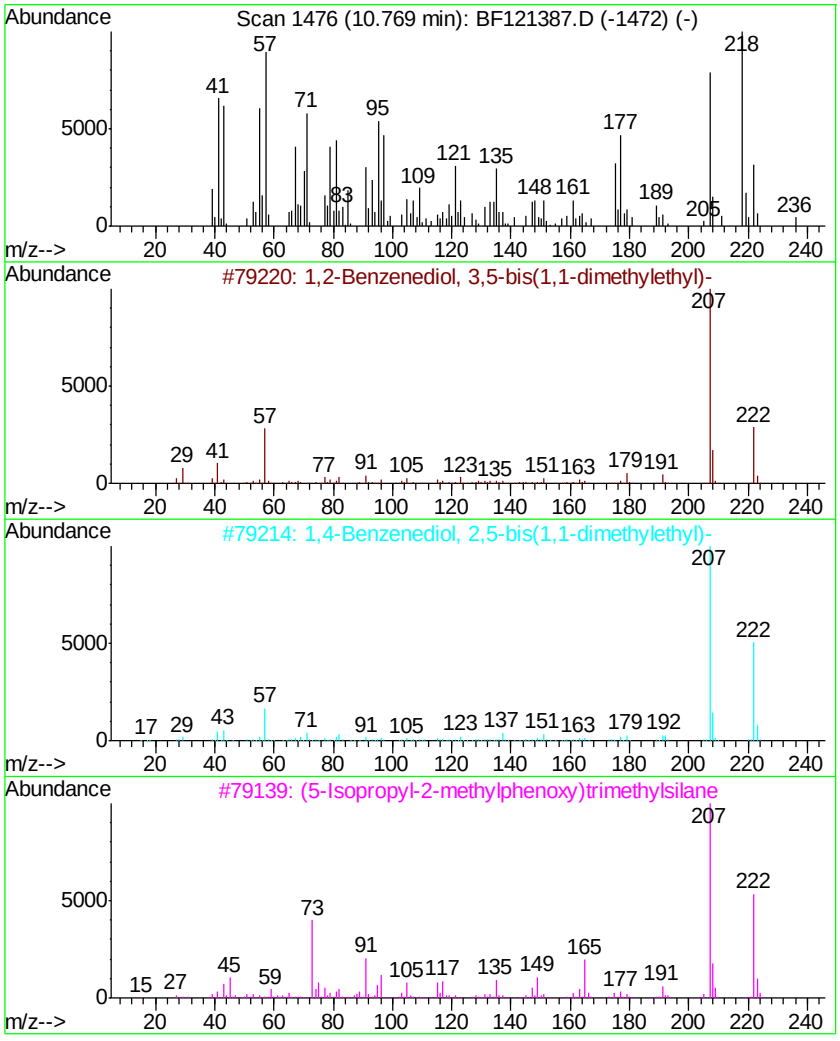
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

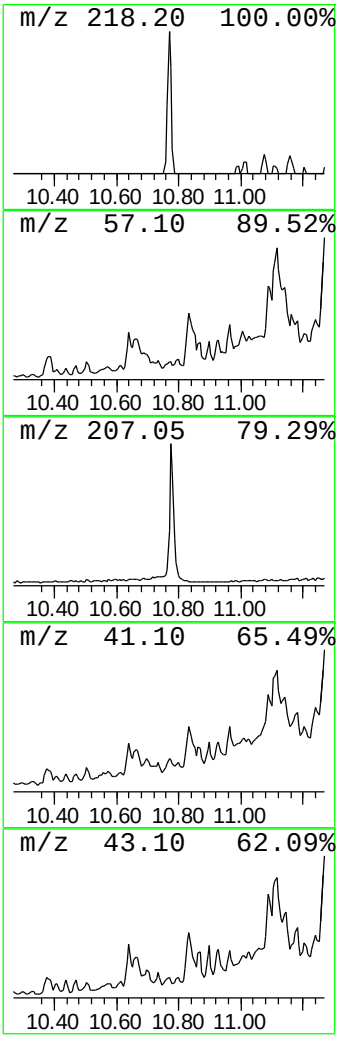
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,2-Benzenediol, 3,5-bis(1,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	3.57 ng	181392	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenediol, 3,5-bis(1,1-dim...	222	C14H22O2	001020-31-1	55
2	1,4-Benzenediol, 2,5-bis(1,1-dim...	222	C14H22O2	000088-58-4	50
3	(5-Isopropyl-2-methylphenoxy)tri...	222	C13H22OSi	1000367-02-2	49
4	1,2-Benzisothiazol-3-amine tms	222	C10H14N2SSi	1000332-66-2	49
5	2,4-Di-tert-butylthiophenol	222	C14H22S	019728-43-9	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
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Sample : L3747-01 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 340

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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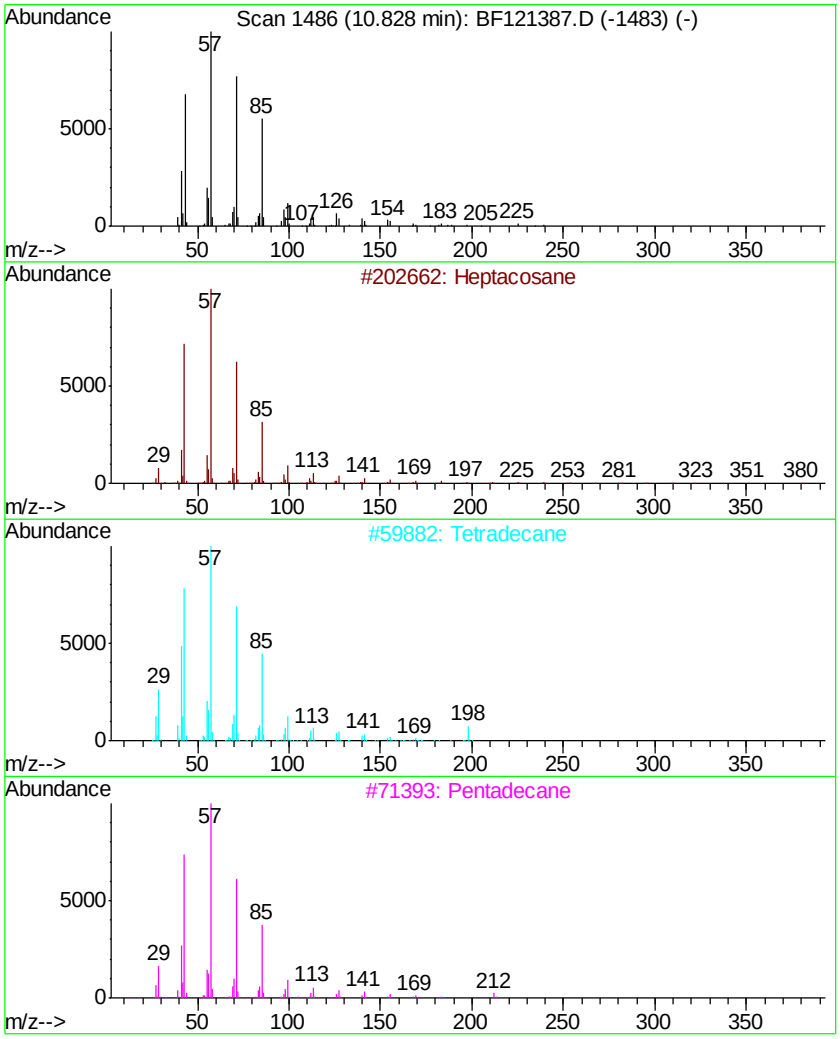
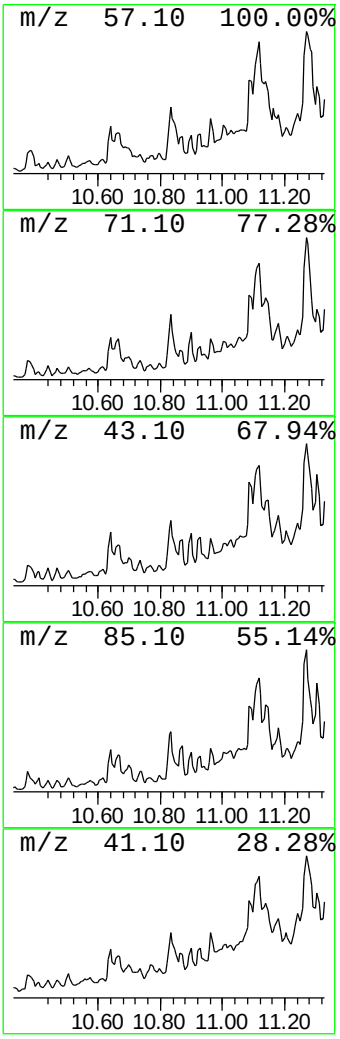
Peak Number 4 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	7.77 ng	395354	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Pentadecane	212	C15H32	000629-62-9	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Hexadecane	226	C16H34	000544-76-3	78





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Misc :
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Instrument : BNA_F
ClientSampleId : 340

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

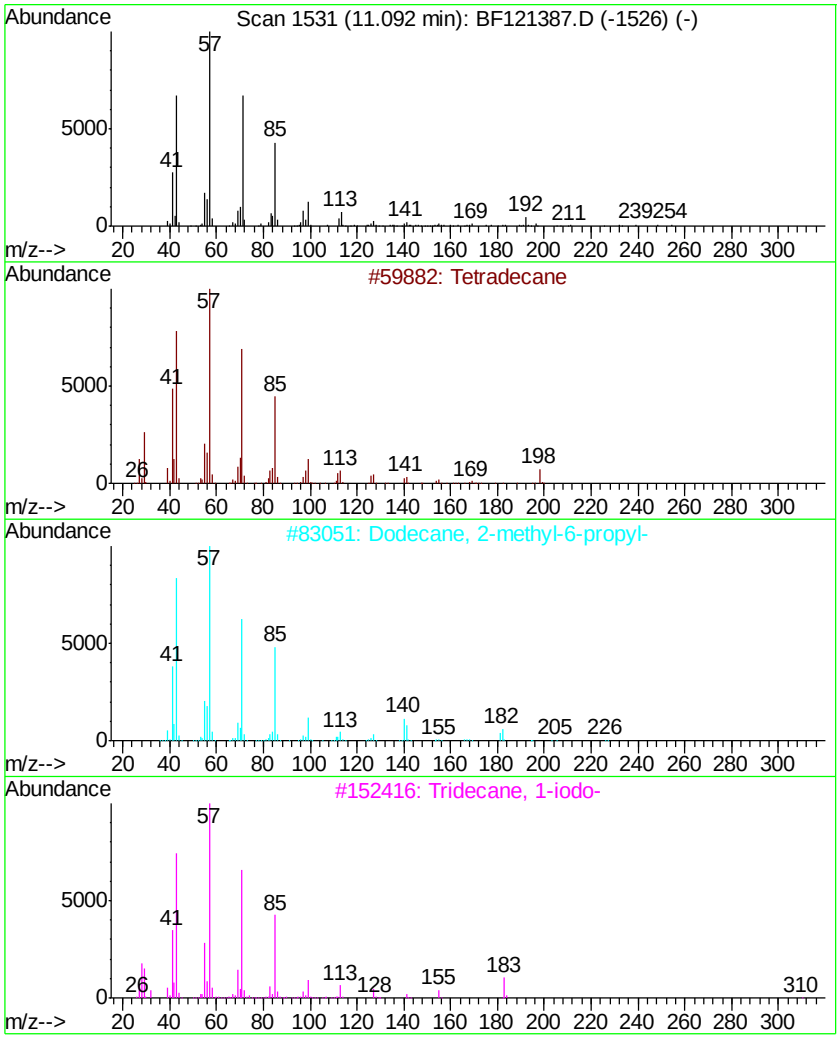
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

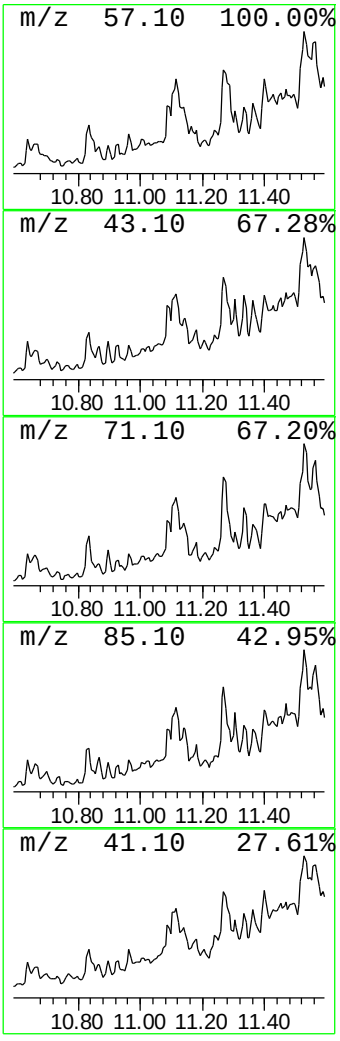
****

Peak Number 5 Dodecane, 2-methyl-6-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	6.47 ng	328978	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
4	Eicosane	282	C20H42	000112-95-8	80
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	72





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Misc :
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Instrument : BNA_F
ClientSampleId : 340

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

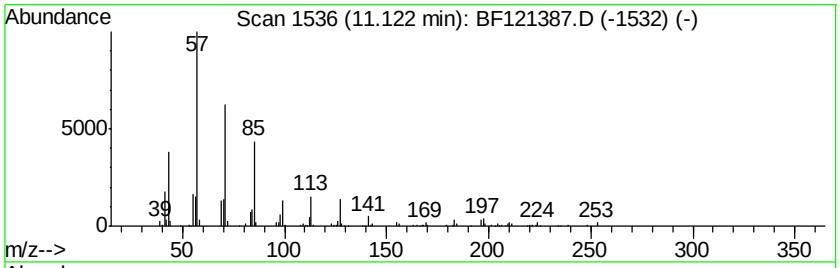
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

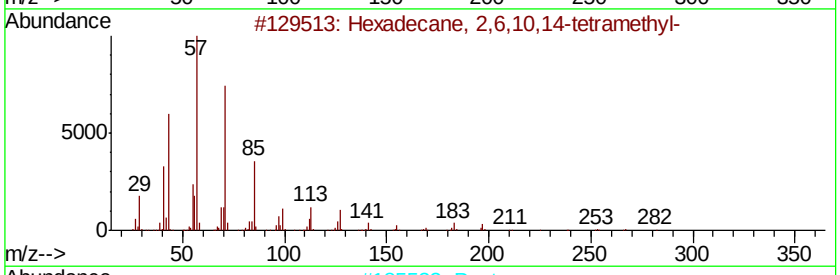
****

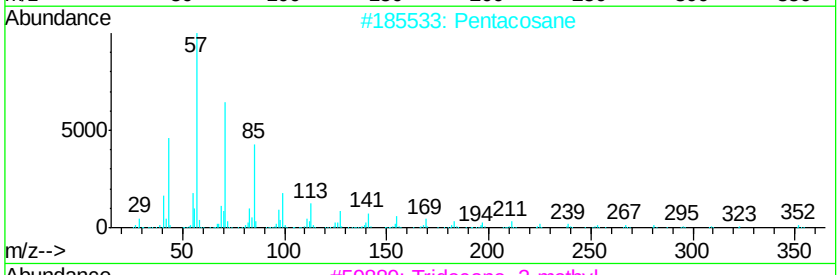
Peak Number 6 Hexadecane, 2,6,10,14-tetra... Concentration Rank 13

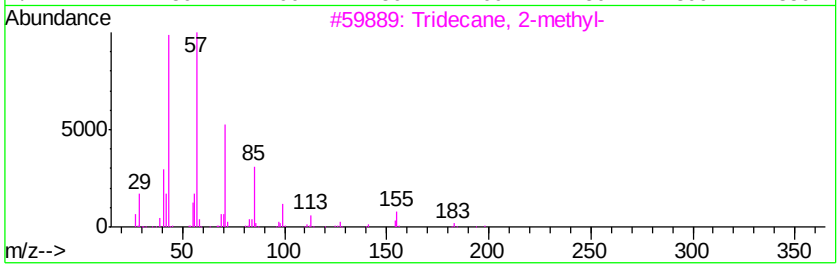
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	7.11 ng	361764	Phenanthrene-d10	11.22

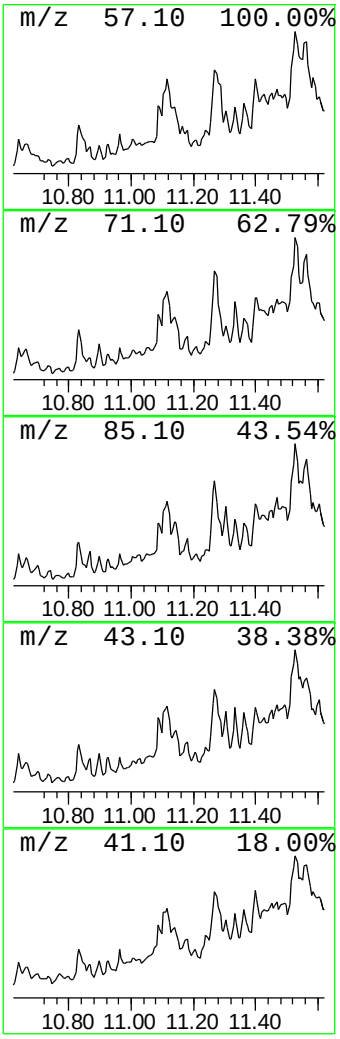
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Pentacosane	352	C25H52	000629-99-2	90
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Tetracosane	338	C24H50	000646-31-1	87











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Misc :
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Instrument : BNA_F
ClientSampleId : 340

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

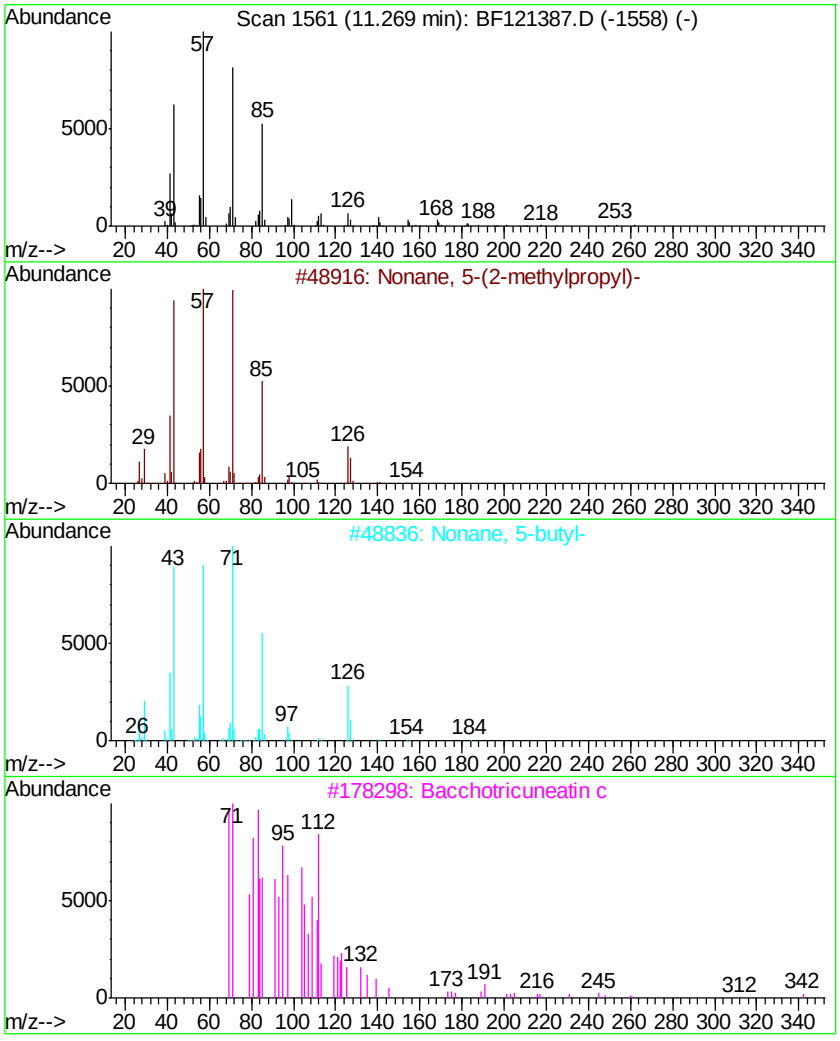
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

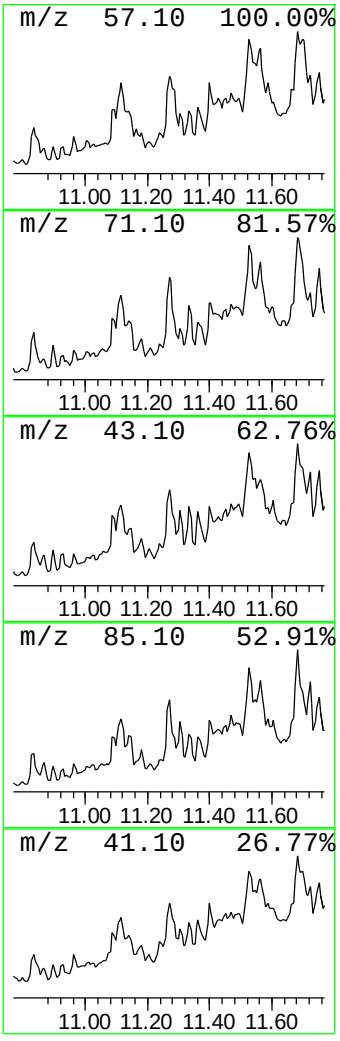
****

Peak Number 7 Nonane, 5-(2-methylpropyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	14.38 ng	731311	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	72
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	68
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
Data File : BF121387.D
Acq On : 22 Aug 2020 1:26
Operator : JU/CG
Sample : L3747-01 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 340

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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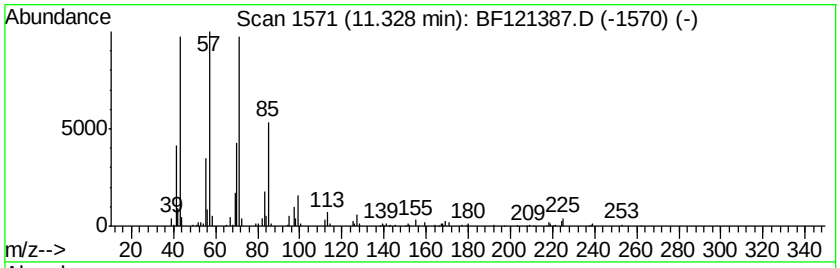
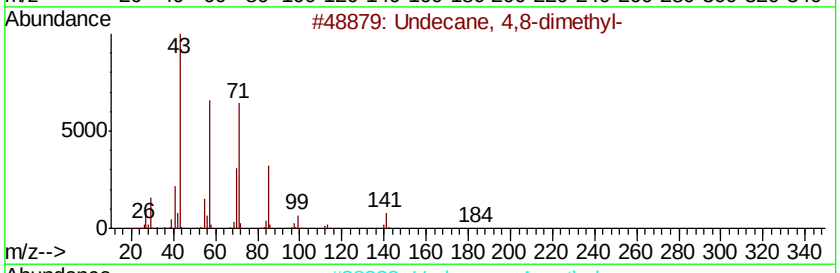
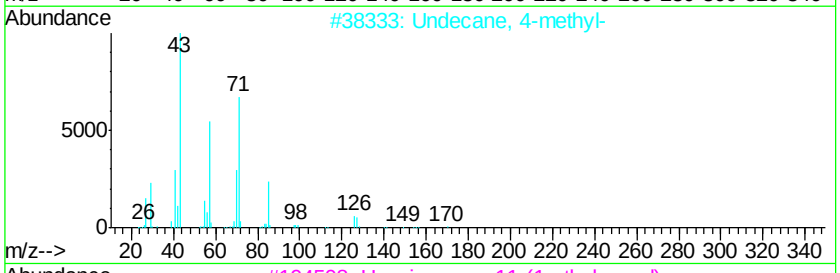
Peak Number 8 Undecane, 4,8-dimethyl- Concentration Rank 20

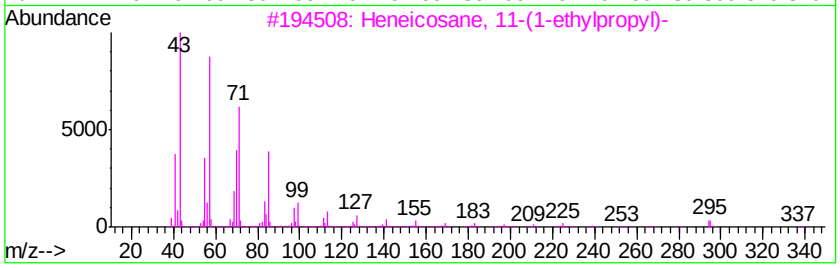
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	3.47 ng	176229	Phenanthrene-d10	11.22

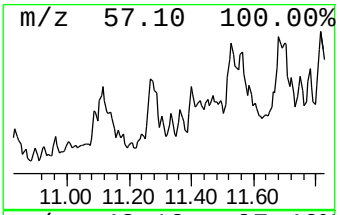
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	86
2	Undecane, 4-methyl-	170	C12H26	002980-69-0	80
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	68
4	Heptacosane	380	C27H56	000593-49-7	52
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50

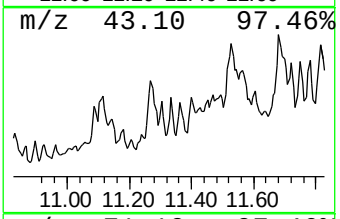


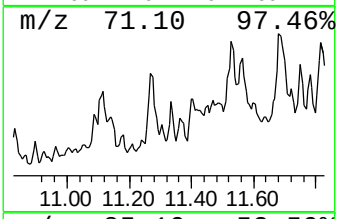


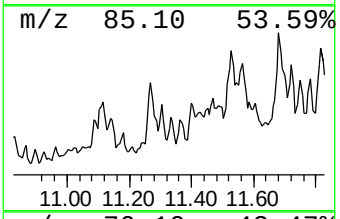


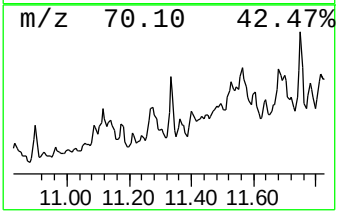












Library Search Compound Report

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Acq On : 22 Aug 2020 1:26
Operator : JU/CG
Sample : L3747-01 20X
Misc :
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Instrument : BNA_F
ClientSampleId : 340

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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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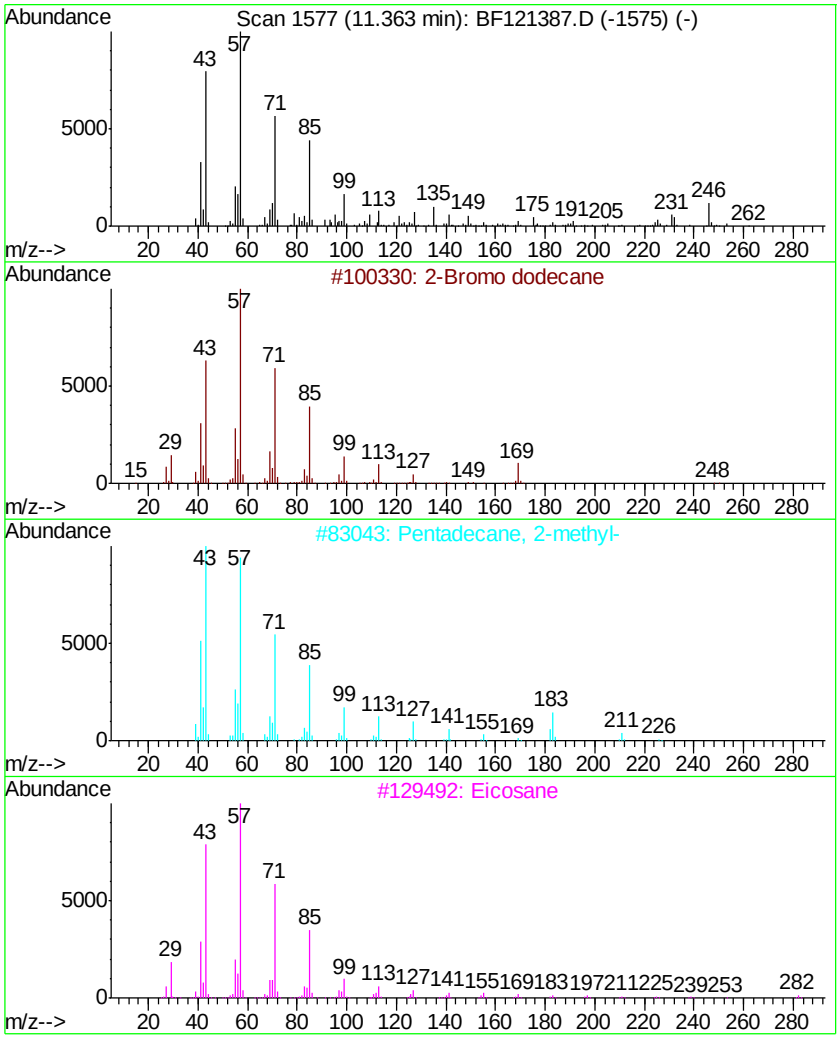
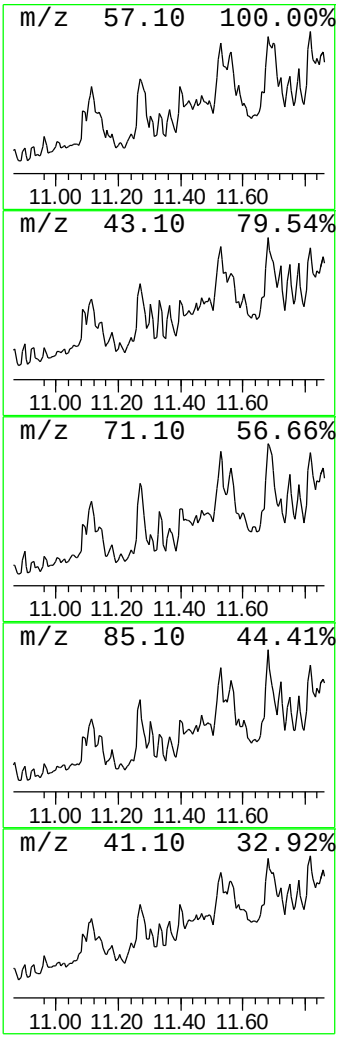
Peak Number 9 2-Bromo dodecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	5.90 ng	300117	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	76
2	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	64
3	Eicosane	282	C20H42	000112-95-8	64
4	Heneicosane	296	C21H44	000629-94-7	64
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	64





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

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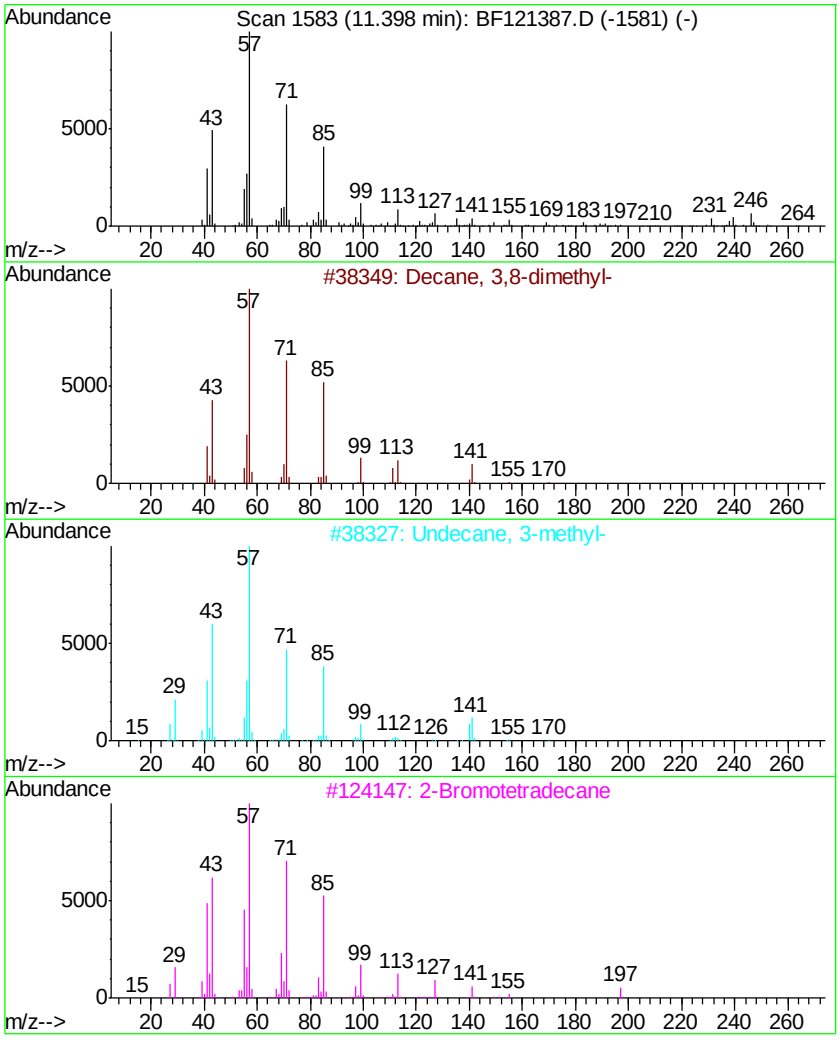
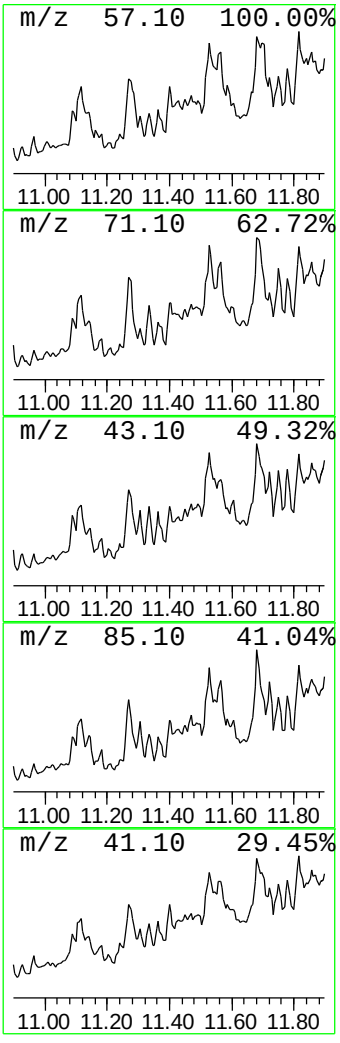
Peak Number 10 Decane, 3,8-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	8.04 ng	408802	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	80
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	72
4	Octacosane	394	C28H58	000630-02-4	72
5	Heptacosane	380	C27H56	000593-49-7	70





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

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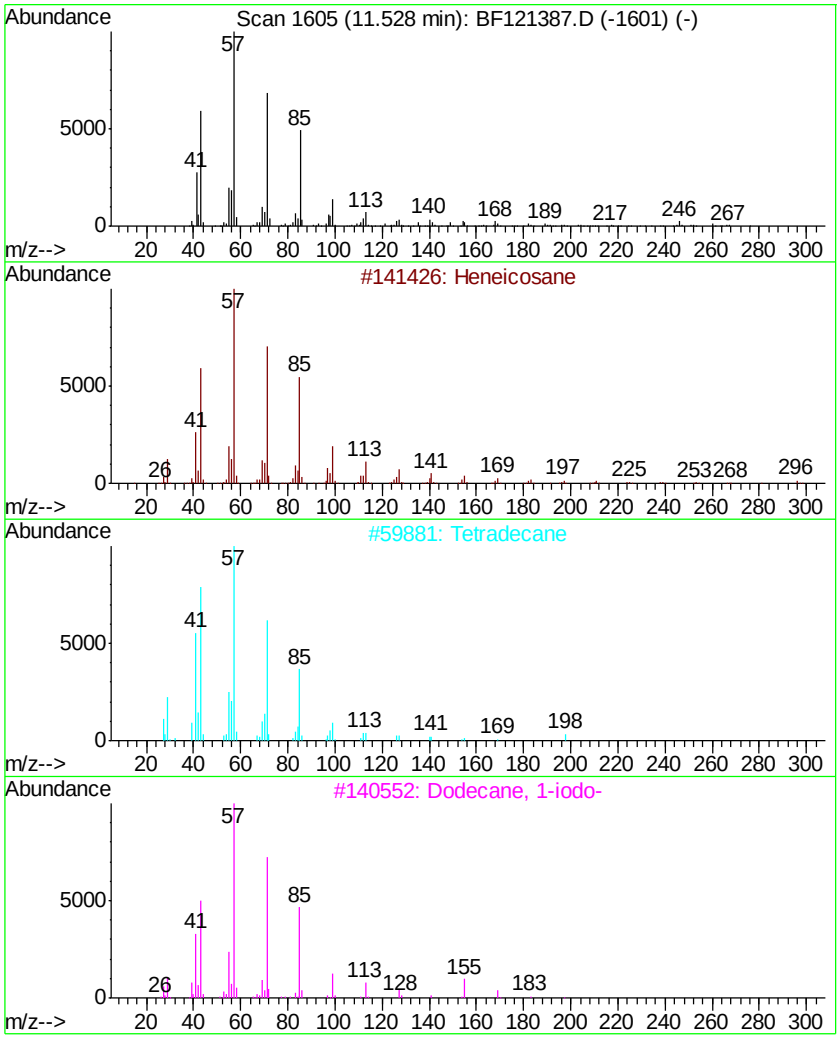
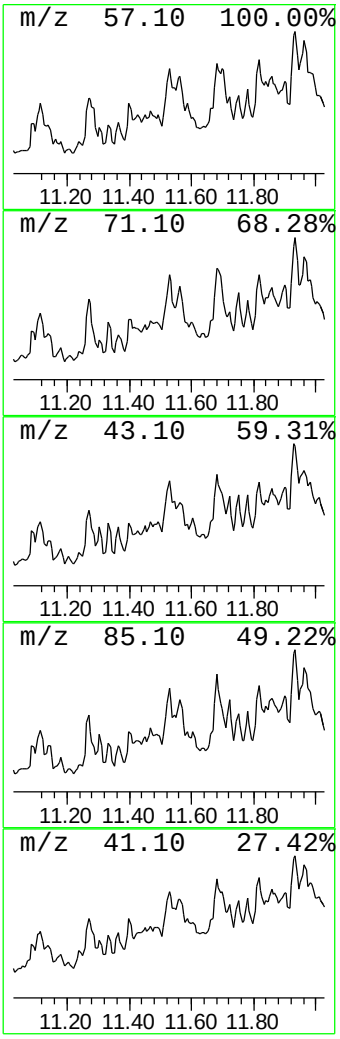
Peak Number 11 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	18.58 ng	944702	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetradecane	198	C14H30	000629-59-4	83
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	64
5	Eicosane	282	C20H42	000112-95-8	64





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

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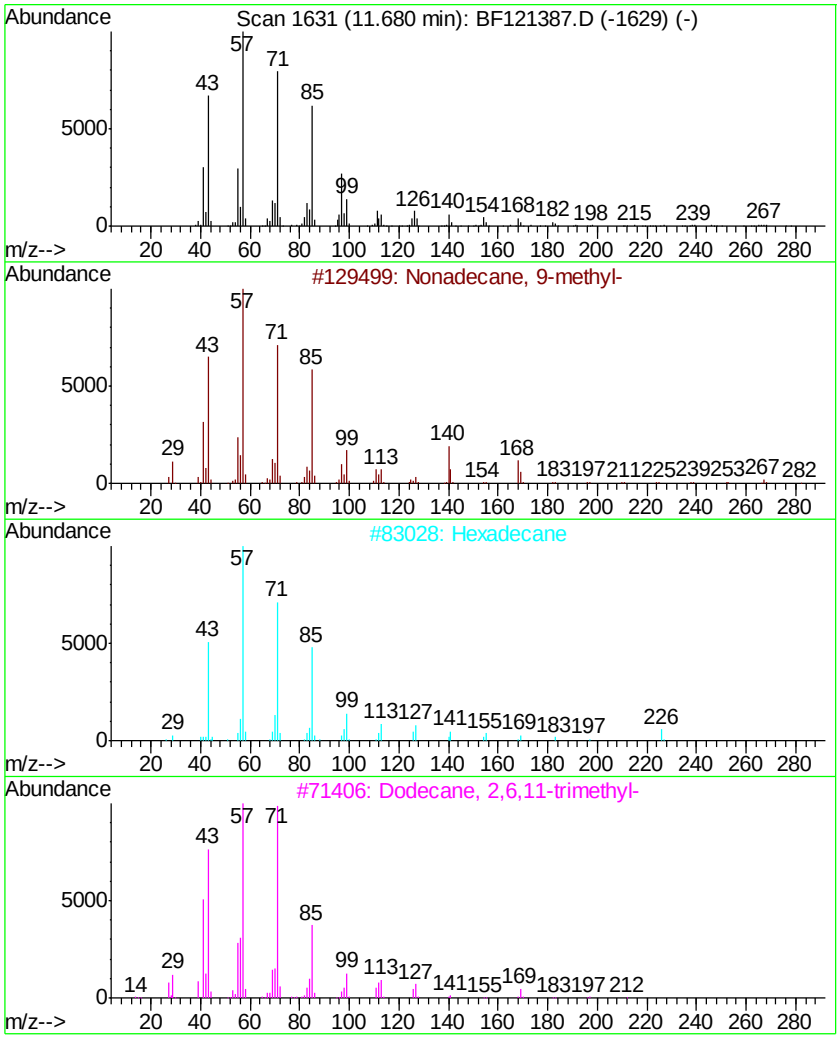
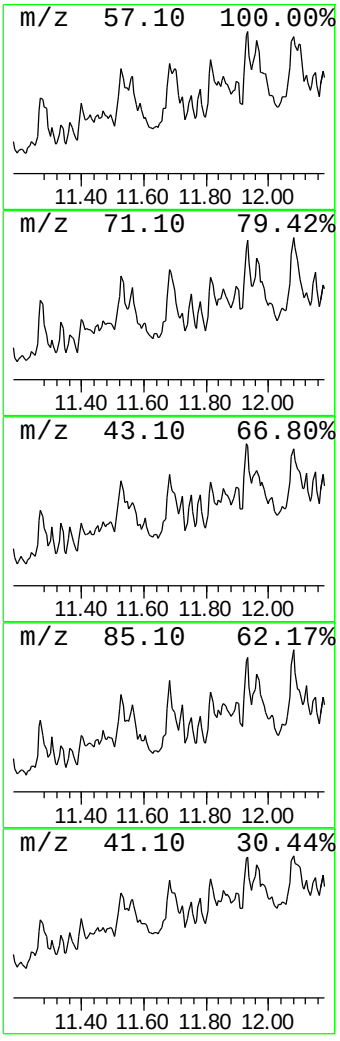
Peak Number 12 Nonadecane, 9-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	16.00 ng	813745	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	72
2	Hexadecane	226	C16H34	000544-76-3	64
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	62
4	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	58
5	2-Undecene, 5-methyl-	168	C12H24	056851-34-4	55





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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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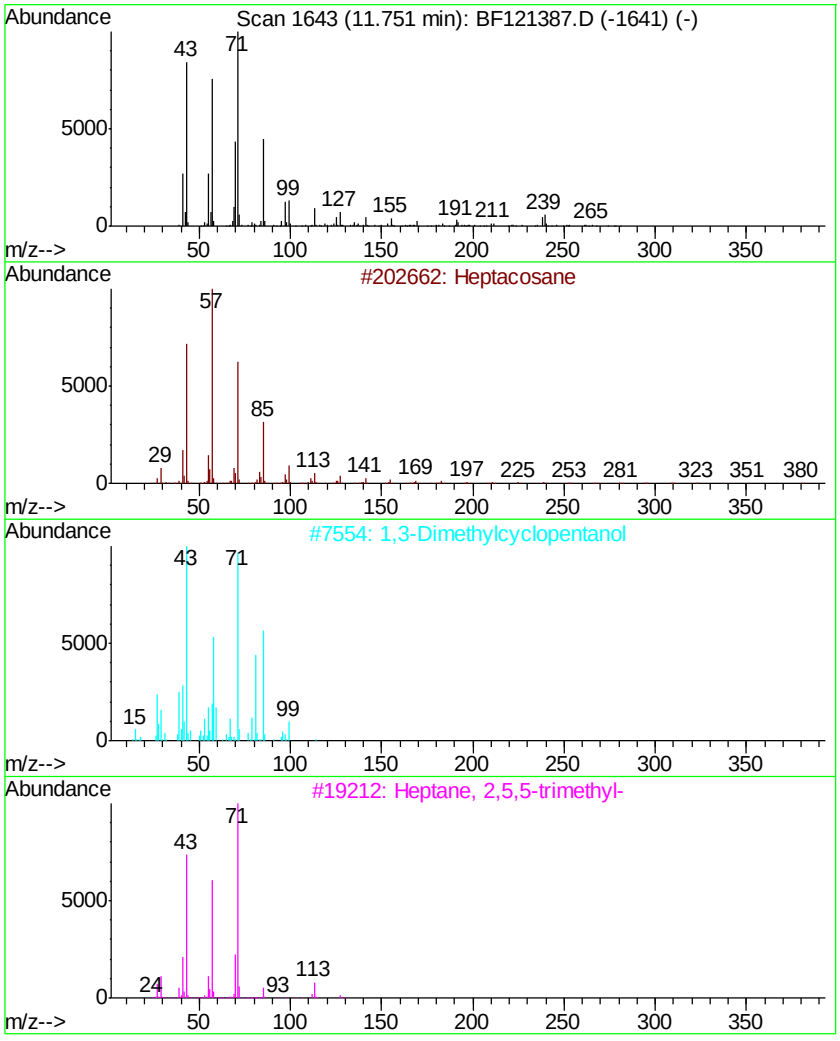
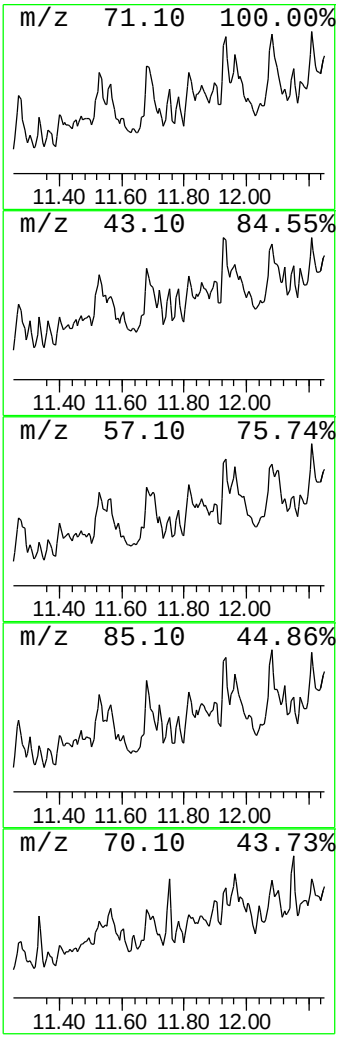
Peak Number 13 unknown11.75 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	3.86 ng	196433	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	53
2	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	49
3	Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	47
4	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	46
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43





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

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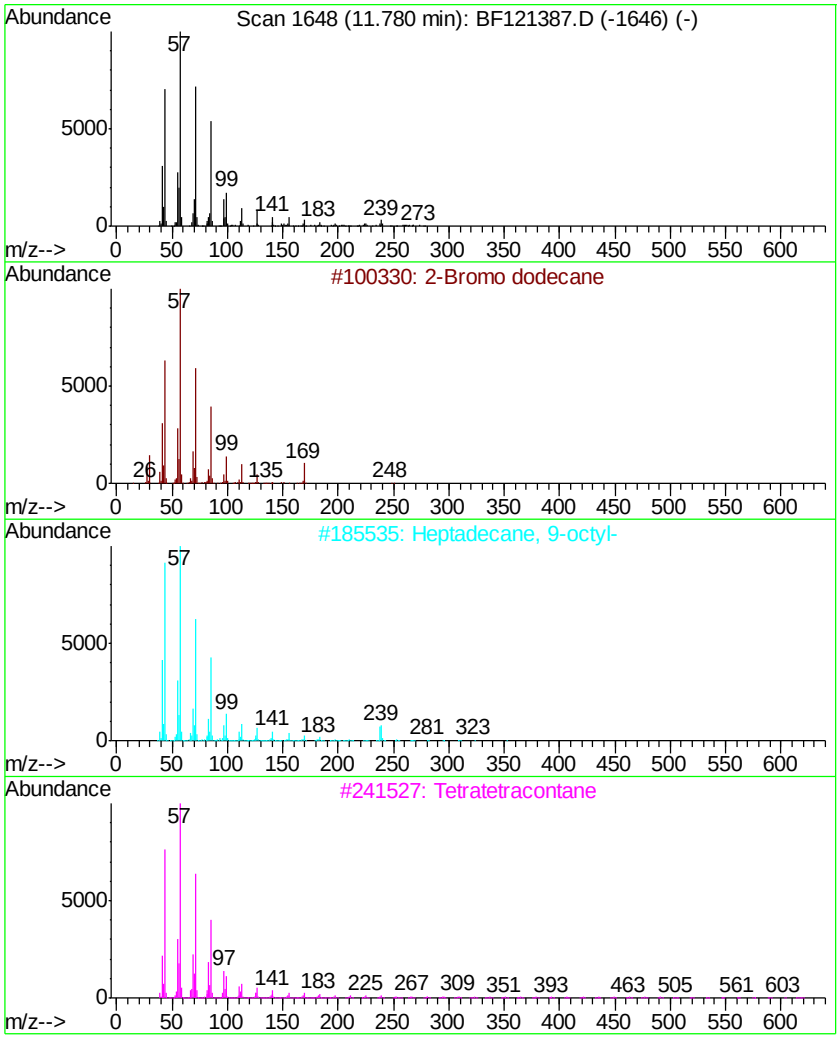
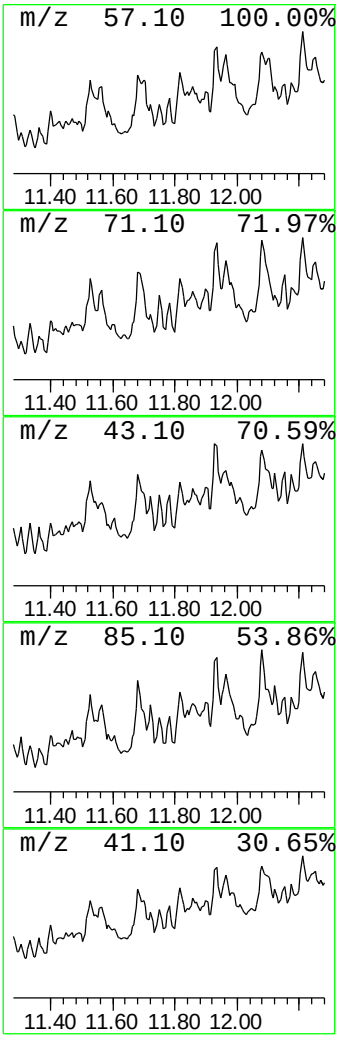
Peak Number 14 Heptadecane, 9-octyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	4.60 ng	233859	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Heptacosane	380	C27H56	000593-49-7	87
5	Heptadecane	240	C17H36	000629-78-7	83





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

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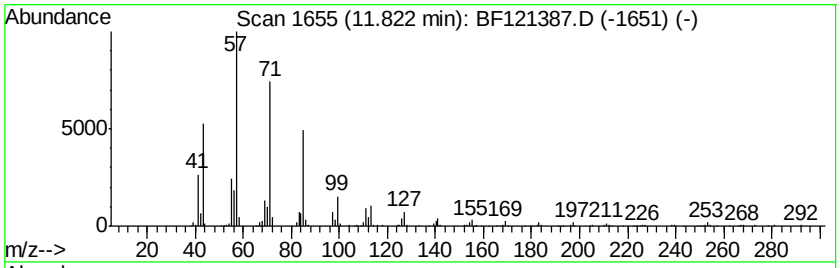
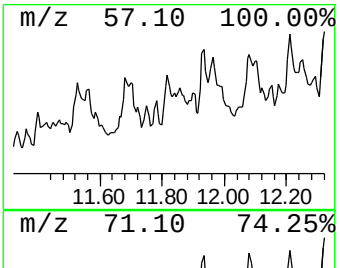
Peak Number 15 Octadecane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	14.68 ng	746417	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
3	Nonadecane	268	C19H40	000629-92-5	93
4	Octadecane	254	C18H38	000593-45-3	93
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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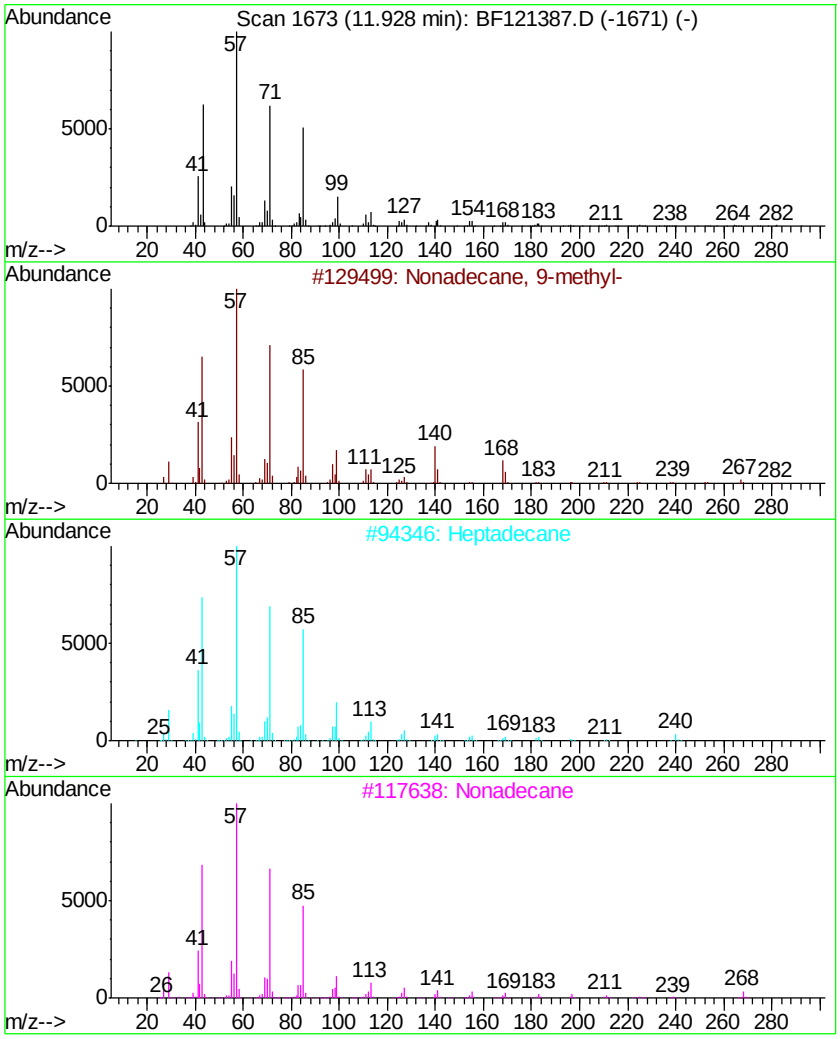
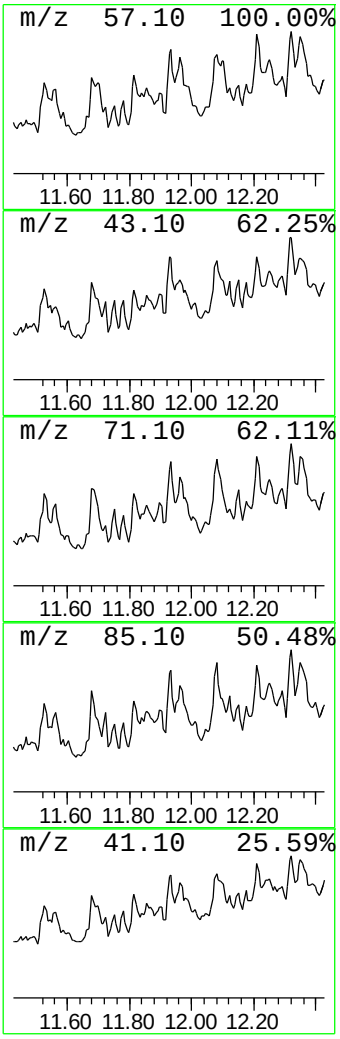
Peak Number 16 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	15.82 ng	804764	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2	Heptadecane	240	C17H36	000629-78-7	91
3	Nonadecane	268	C19H40	000629-92-5	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	Heneicosane	296	C21H44	000629-94-7	86





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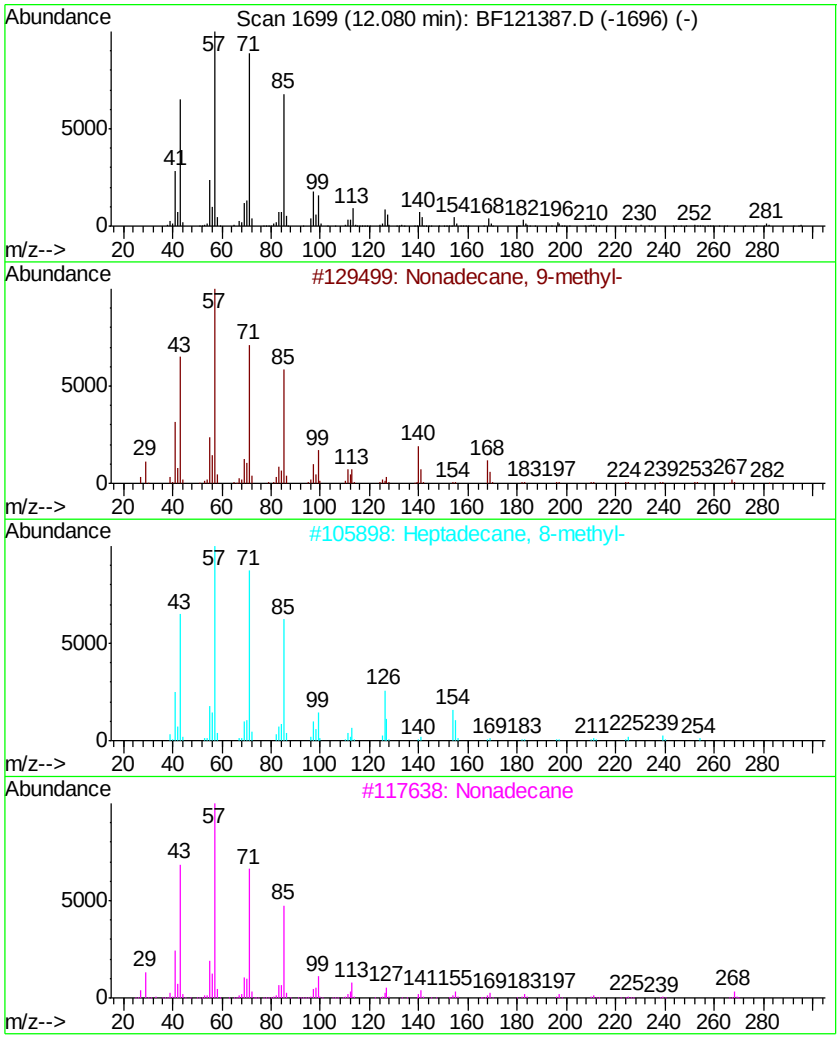
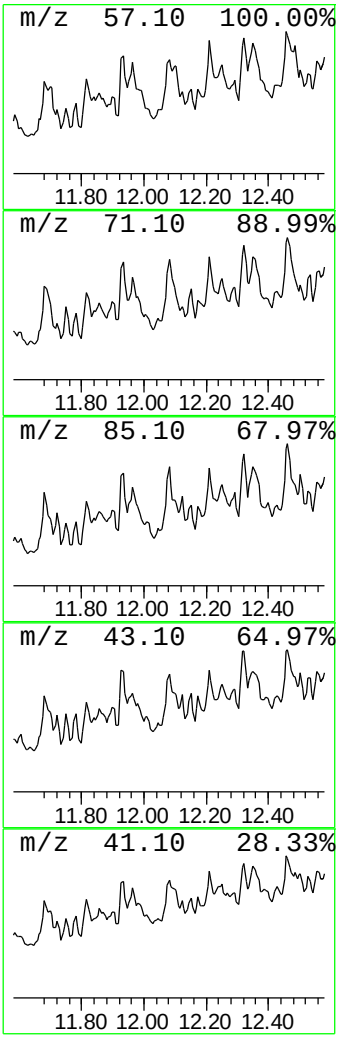
Peak Number 17 Heptadecane, 8-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	14.21 ng	722890	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	86
3	Nonadecane	268	C19H40	000629-92-5	86
4	Hexadecane	226	C16H34	000544-76-3	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





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TIC Integration Parameters: LSCINT.P

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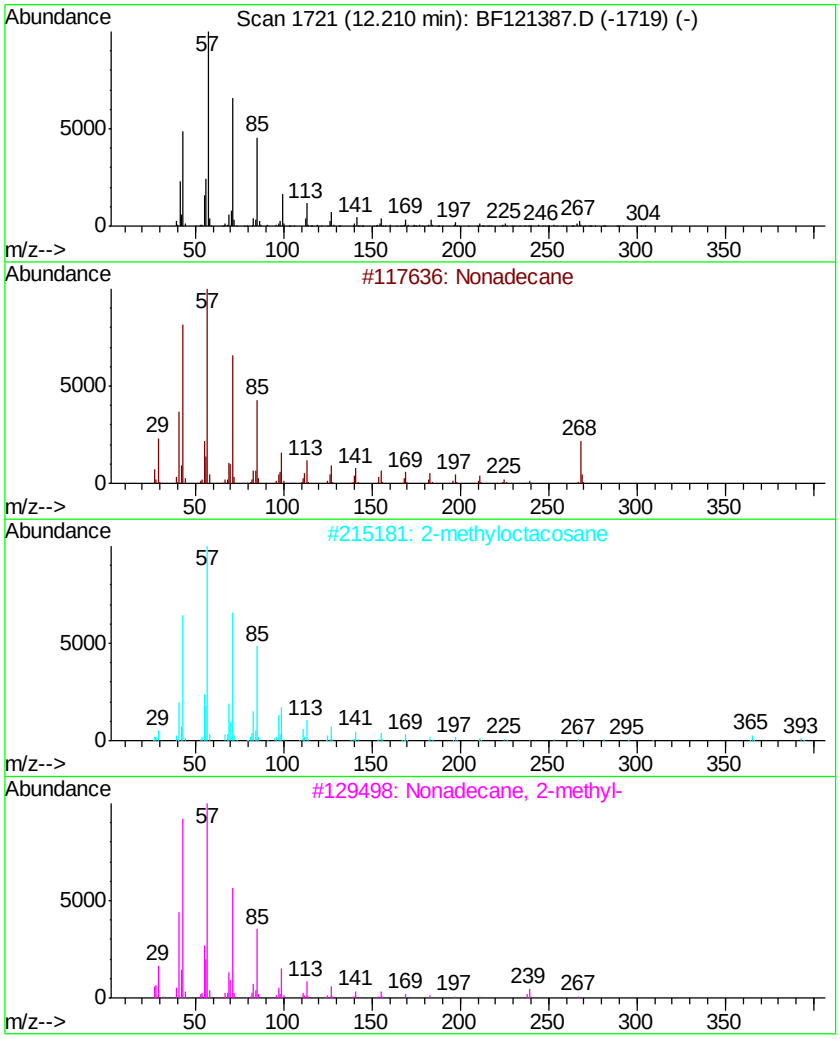
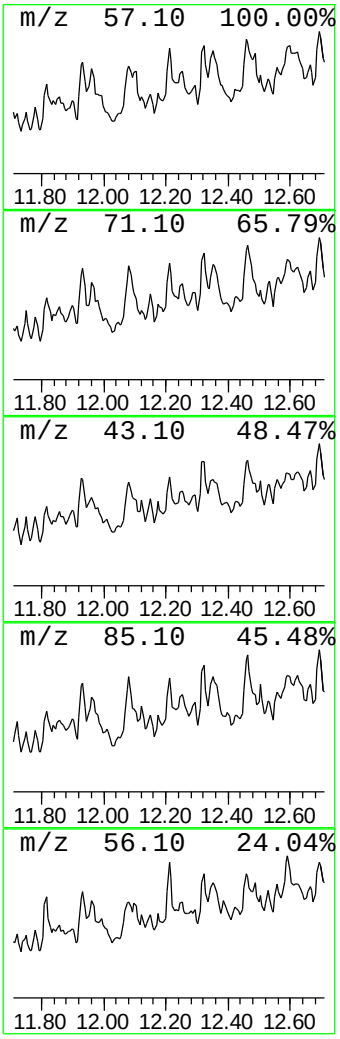
Peak Number 18 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	10.66 ng	542201	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90
4	Eicosane, 2-methyl-	296	C21H44	001560-84-5	90
5	Octadecane	254	C18H38	000593-45-3	86





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Instrument : BNA_F
ClientSampleId : 340

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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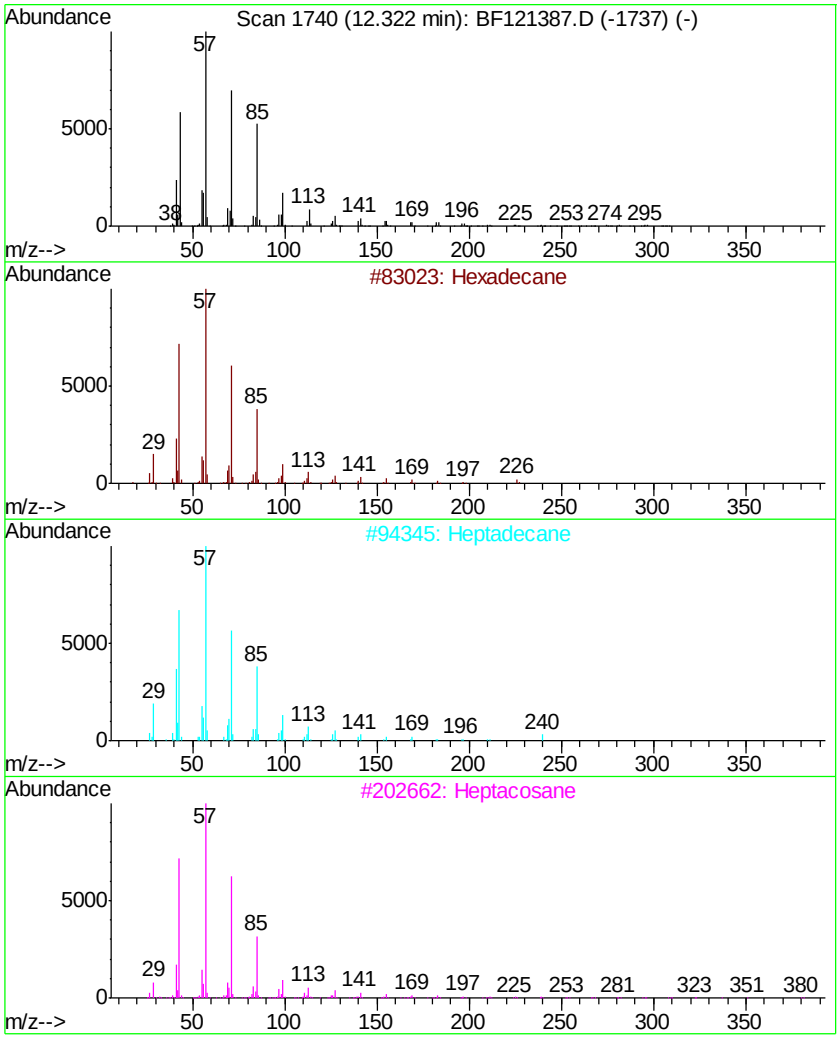
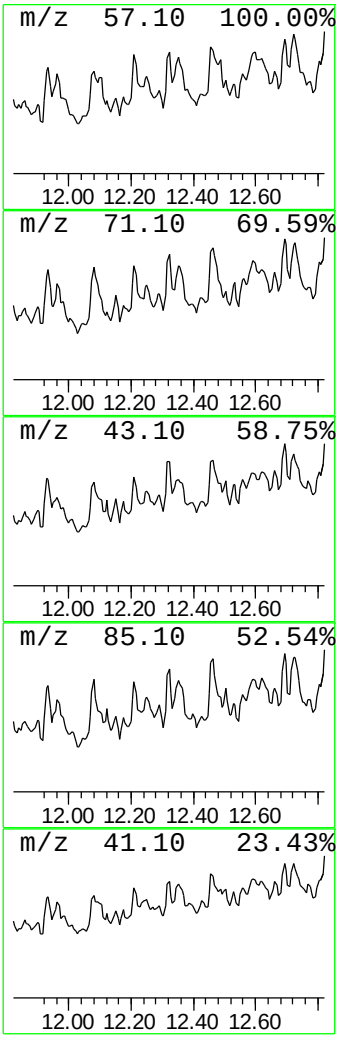
Peak Number 19 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	14.59 ng	741880	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heptacosane	380	C27H56	000593-49-7	72
4	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	72
5	Octadecane	254	C18H38	000593-45-3	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
Data File : BF121387.D
Acq On : 22 Aug 2020 1:26
Operator : JU/CG
Sample : L3747-01 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 340

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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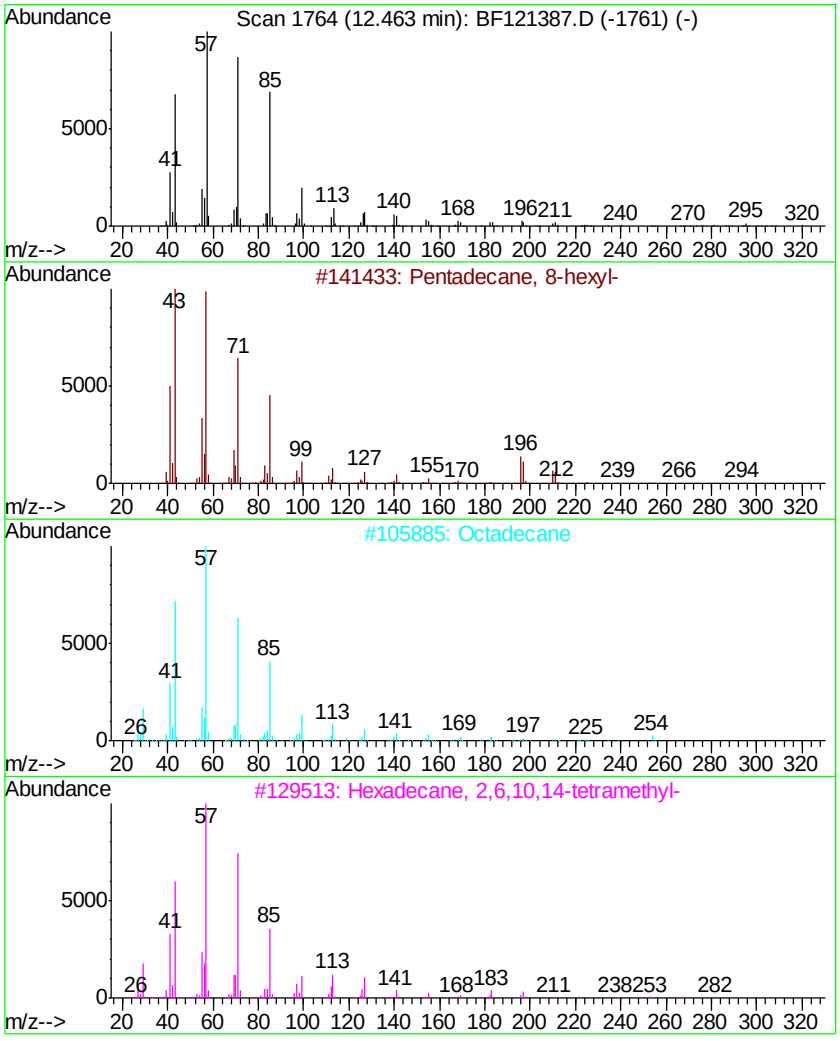
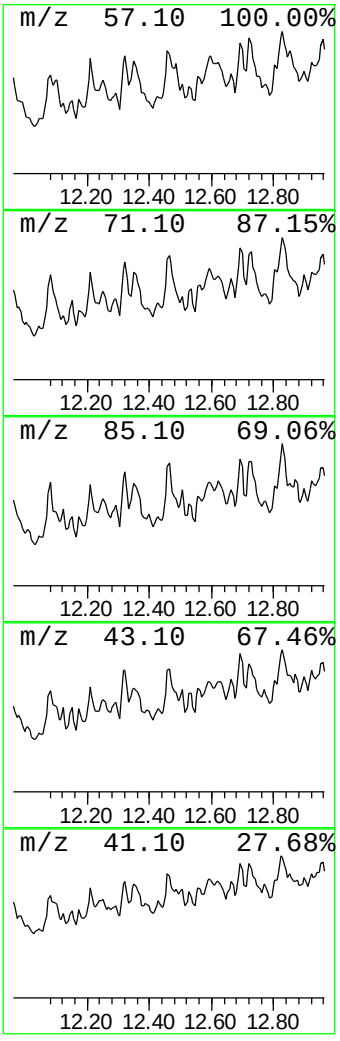
Peak Number 20 Pentadecane, 8-hexyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	21.20 ng	1078380	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	83
2	Octadecane	254	C18H38	000593-45-3	72
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	68
4	Heptacosane	380	C27H56	000593-49-7	64
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082120\
Data File : BF121387.D
Acq On : 22 Aug 2020 1:26
Operator : JU/CG
Sample : L3747-01 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 340

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
1-Hexanol, 2-ethyl-	6.76	13.4	ng	554275	1	6.70	826192	20.0
Heptacosane	10.64	3.7	ng	188334	4	11.22	1017130	20.0
1,2-Benzenediol, ...	10.77	3.6	ng	181392	4	11.22	1017130	20.0
Tetradecane	10.83	7.8	ng	395354	4	11.22	1017130	20.0
Dodecane, 2-methy...	11.09	6.5	ng	328978	4	11.22	1017130	20.0
Hexadecane, 2,6,1...	11.12	7.1	ng	361764	4	11.22	1017130	20.0
Nonane, 5-(2-meth...	11.27	14.4	ng	731311	4	11.22	1017130	20.0
Undecane, 4,8-dim...	11.33	3.5	ng	176229	4	11.22	1017130	20.0
2-Bromo dodecane	11.36	5.9	ng	300117	4	11.22	1017130	20.0
Decane, 3,8-dimet...	11.40	8.0	ng	408802	4	11.22	1017130	20.0
Heneicosane	11.53	18.6	ng	944702	4	11.22	1017130	20.0
Nonadecane, 9-met...	11.68	16.0	ng	813745	4	11.22	1017130	20.0
unknown11.75	11.75	3.9	ng	196433	4	11.22	1017130	20.0
Heptadecane, 9-oc...	11.78	4.6	ng	233859	4	11.22	1017130	20.0
Octadecane, 2-met...	11.82	14.7	ng	746417	4	11.22	1017130	20.0
Heptadecane	11.93	15.8	ng	804764	4	11.22	1017130	20.0
Heptadecane, 8-me...	12.08	14.2	ng	722890	4	11.22	1017130	20.0
Nonadecane	12.21	10.7	ng	542201	4	11.22	1017130	20.0
Hexadecane	12.32	14.6	ng	741880	4	11.22	1017130	20.0
Pentadecane, 8-he...	12.46	21.2	ng	1078380	4	11.22	1017130	20.0