LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107968.D
Acq On : 4 Aug 2018 5:27
Operator : JU/SJ
Sample : J4297-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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-BF073018.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	5.184	477	484	490	rBV2	325394	572559	5.21%	0.494%
2	5.360	509	514	519	rBV2	101093	178711	1.63%	0.154%
3	5.443	524	528	530	rBV	173048	185506	1.69%	0.160%
4	5.466	530	532	535	rVB	167767	141817	1.29%	0.122%
5	5.543	542	545	551	rBV2	262050	309227	2.82%	0.267%
6	5.595	551	554	561	rBV	1029100	1557215	14.18%	1.344%
7	5.719	571	575	577	rBV	113396	147328	1.34%	0.127%
8	5.766	580	583	586	rVB	186629	166160	1.51%	0.143%
9	5.807	586	590	594	rBV	251632	286838	2.61%	0.248%
10	5.848	594	597	606	rVB	1214132	1290586	11.75%	1.114%
11	5.972	611	618	621	rBV3	220242	302652	2.76%	0.261%
12	6.007	621	624	628	rBV3	164815	216033	1.97%	0.186%
13	6.084	631	637	639	rBV	203686	244848	2.23%	0.211%
14	6.107	639	641	644	rVB3	227756	192770	1.76%	0.166%
15	6.137	644	646	650	rVB2	140400	161436	1.47%	0.139%
16	6.184	650	654	661	rBV2	931197	1714051	15.61%	1.479%
17	6.242	661	664	667	rVB2	440797	436435	3.97%	0.377%
18	6.284	667	671	673	rBV5	90690	124558	1.13%	0.108%
19	6.378	682	687	691	rBV2	434072	707278	6.44%	0.610%
20	6.419	691	694	695	rBV2	332269	374823	3.41%	0.324%
21	6.437	695	697	700	rVB	843592	731492	6.66%	0.631%
22	6.472	700	703	708	rBV3	1375853	2221531	20.23%	1.917%
23	6.525	710	712	715	rBV	611224	523146	4.76%	0.452%
24	6.554	715	717	721	rVB2	584897	595905	5.43%	0.514%
25	6.601	721	725	729	rBV2	1229403	1891751	17.23%	1.633%
26	6.637	729	731	735	rVB2	521522	593056	5.40%	0.512%
27	6.689	735	740	744	rBV6	503472	1003041	9.13%	0.866%
28	6.731	744	747	751	rBV2	1538195	1798123	16.37%	1.552%
29	6.778	751	755	763	rVB	4349962	6393876	58.22%	5.519%
30	6.866	766	770	771	rBV2	271549	362793	3.30%	0.313%
31	6.919	774	779	781	rBV4	527119	1041511	9.48%	0.899%
32	6.954	781	785	788	rBV	1957035	1953379	17.79%	1.686%
33	7.007	791	794	799	rVB3	657192	711550	6.48%	0.614%
34	7.054	799	802	805	rBV2	409332	427256	3.89%	0.369%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107968.D
Acq On : 4 Aug 2018 5:27
Operator : JU/SJ
Sample : J4297-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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-BF073018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.089	805	808	810	rBV3	1357384	1681895	15.31%	1.452%
36	7.113	810	812	819	rVB3	1517483	2356460	21.46%	2.034%
37	7.172	819	822	824	rBV2	481861	472594	4.30%	0.408%
38	7.219	824	830	833	rBV3	2654141	4388800	39.96%	3.788%
39	7.278	837	840	845	rVB2	2173323	3686565	33.57%	3.182%
40	7.331	845	849	851	rBV	1628743	2221019	20.22%	1.917%
41	7.419	861	864	866	rBV2	936733	1220732	11.12%	1.054%
42	7.442	866	868	870	rVV	979863	849280	7.73%	0.733%
43	7.489	870	876	880	rVV3	2409374	4038162	36.77%	3.485%
44	7.560	880	888	892	rVV2	4275220	10982357	100.00%	9.479%
45	7.654	900	904	910	rVB4	1177707	2035958	18.54%	1.757%
46	7.731	914	917	920	rBV3	1554234	2224736	20.26%	1.920%
47	7.860	931	939	942	rBV5	2322900	5573352	50.75%	4.810%
48	8.113	980	982	988	rBV3	812102	1130731	10.30%	0.976%
49	10.354	1360	1363	1365	rBV2	1226126	1618355	14.74%	1.397%
50	10.466	1374	1382	1384	rBV2	2595896	6557177	59.71%	5.660%
51	10.783	1433	1436	1440	rVB4	1286582	1498717	13.65%	1.294%
52	10.948	1455	1464	1470	rVB3	2649017	8150324	74.21%	7.035%
53	11.166	1499	1501	1504	rBV2	1003354	1004244	9.14%	0.867%
54	11.401	1539	1541	1544	rVB	1802671	1523335	13.87%	1.315%
55	11.795	1603	1608	1611	rVB	2887775	4399479	40.06%	3.797%
56	11.942	1630	1633	1638	rBV3	1028311	1481461	13.49%	1.279%
57	12.036	1646	1649	1651	rVB2	804104	763990	6.96%	0.659%
58	12.195	1671	1676	1678	rVB	3134527	4080113	37.15%	3.522%
59	12.424	1712	1715	1717	rBV2	535211	538920	4.91%	0.465%
60	12.489	1724	1726	1729	rVB2	507953	473401	4.31%	0.409%
61	12.566	1736	1739	1743	rBV	3542248	4068945	37.05%	3.512%
62	12.930	1798	1801	1804	rVB	2315549	2118742	19.29%	1.829%
63	13.089	1824	1828	1833	rVB	1641988	1827910	16.64%	1.578%
64	13.283	1858	1861	1865	rVB	1364326	1109944	10.11%	0.958%
65	13.624	1916	1919	1926	rVB	684821	599390	5.46%	0.517%
66	13.954	1972	1975	1984	rVB	439957	526878	4.80%	0.455%
67	14.154	2006	2009	2018	rBV	469933	700740	6.38%	0.605%
68	14.265	2026	2028	2033	rVB	221190	222465	2.03%	0.192%
69	14.571	2078	2080	2083	rBV	167589	174344	1.59%	0.150%

Sum of corrected areas: 115860756

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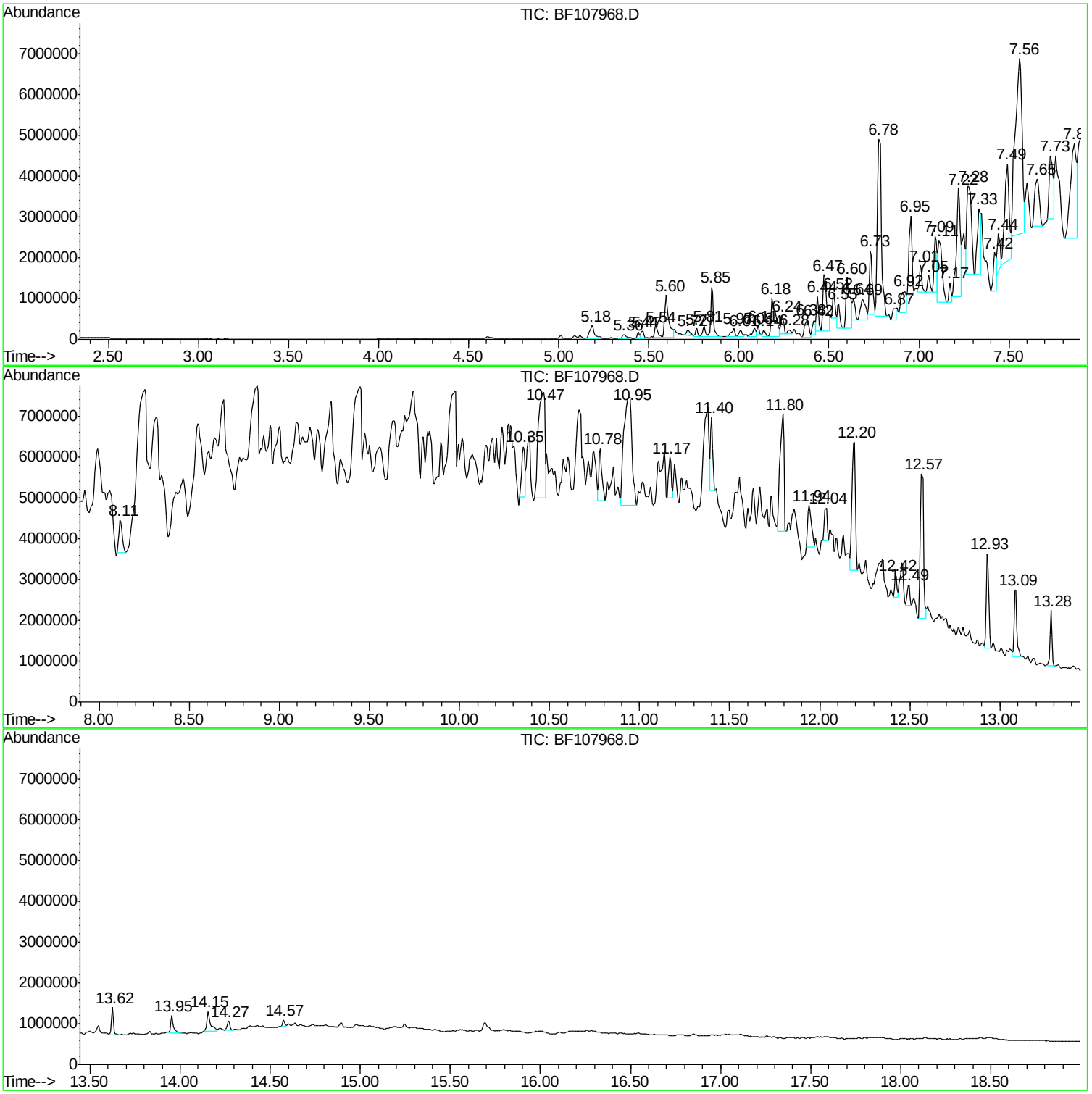
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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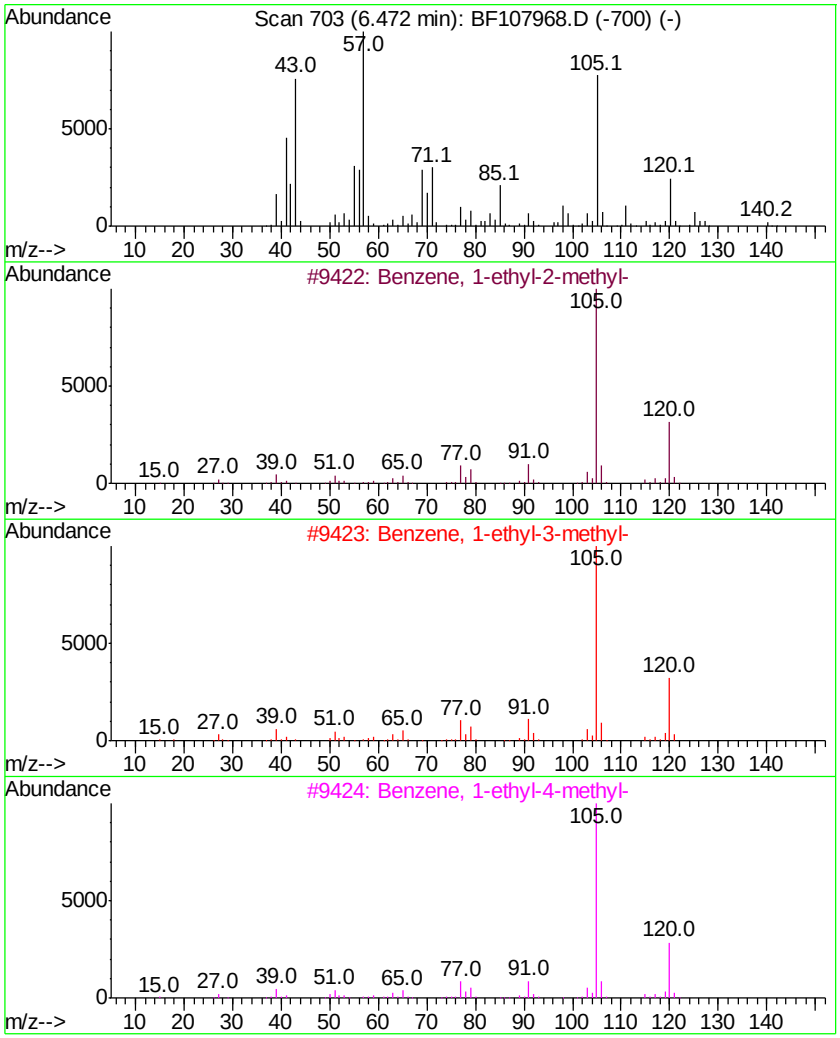
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

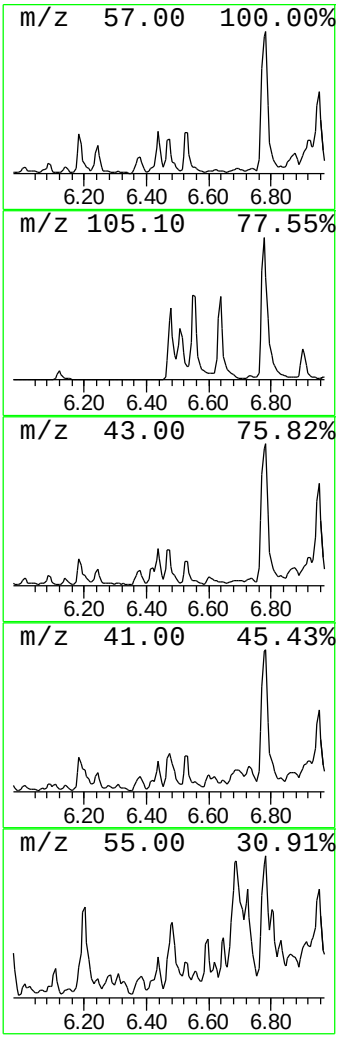
****

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	22.75 ng	2221530	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	56
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	56
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	53
4	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	47
5	Nonane, 2-methyl-	142	C10H22	000871-83-0	47





Library Search Compound Report

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Data File : BF107968.D
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Operator : JU/SJ
Sample : J4297-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

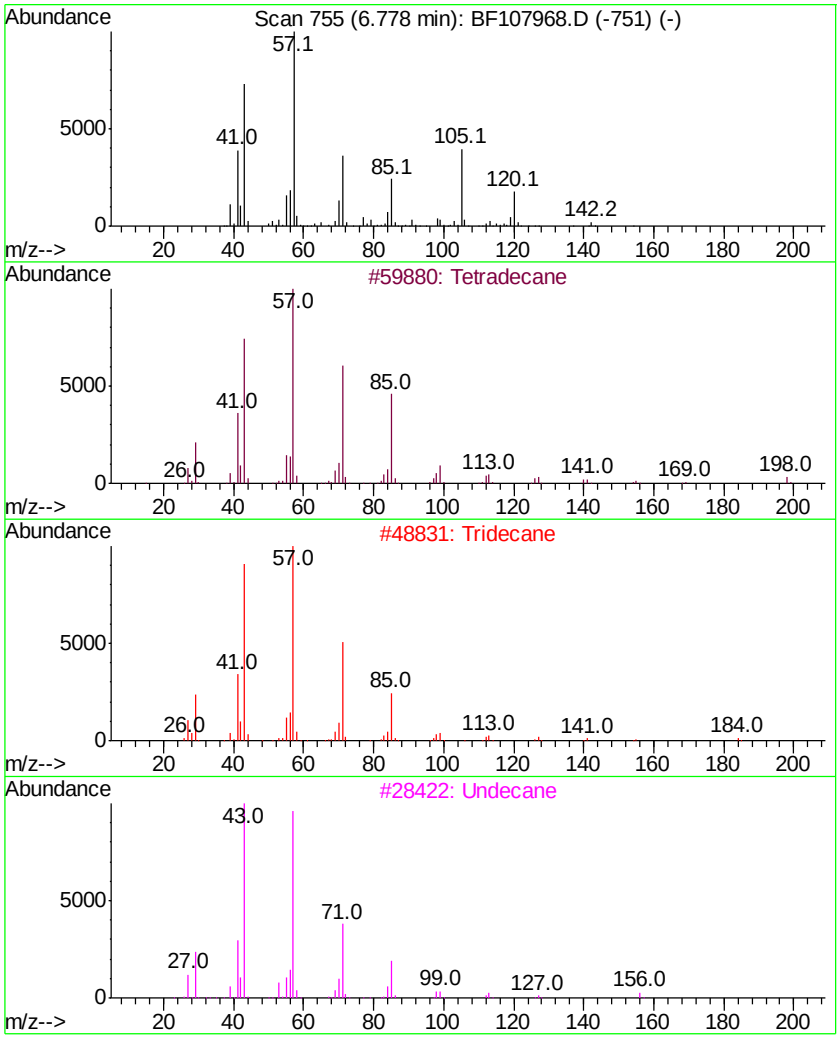
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

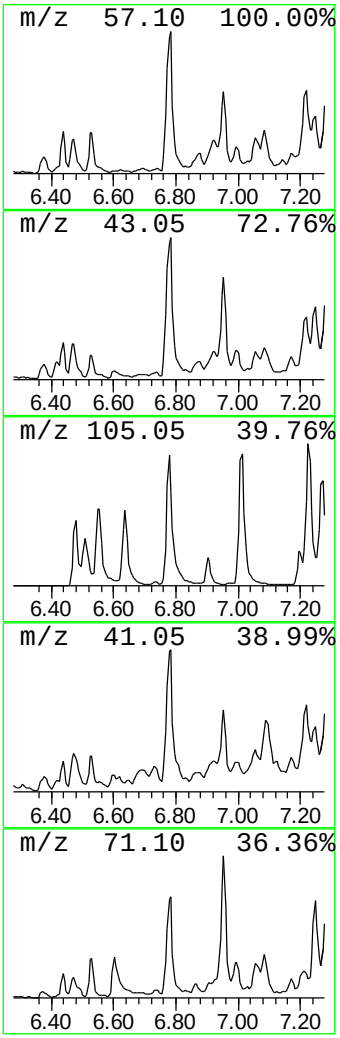
****

Peak Number 2 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	65.46 ng	6393880	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	53
2	Tridecane	184	C13H28	000629-50-5	53
3	Undecane	156	C11H24	001120-21-4	47
4	Nonane	128	C9H20	000111-84-2	47
5	Decane	142	C10H22	000124-18-5	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107968.D
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Sample : J4297-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

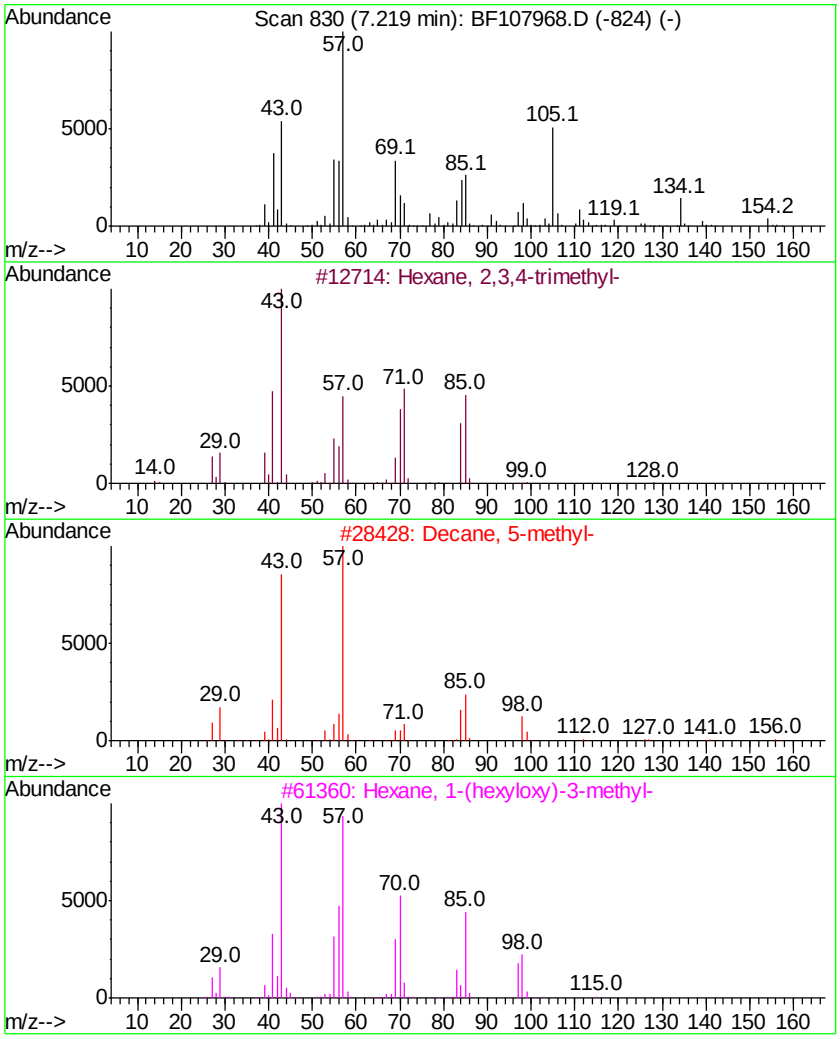
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

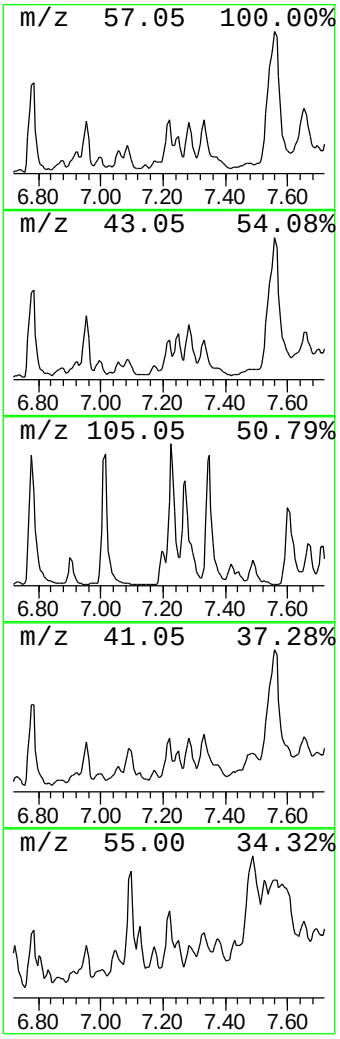
****

Peak Number 4 Hexane, 2,3,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	44.94 ng	4388800	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	50
2	Decane, 5-methyl-	156	C11H24	013151-35-4	50
3	Hexane, 1-(hexyloxy)-3-methyl-	200	C13H28O	074421-18-4	46
4	2,2-Dimethylpropionic acid, 4-me...	186	C11H22O2	150588-62-8	43
5	Hexyl isobutyl carbonate	202	C11H22O3	959067-98-2	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107968.D
Acq On : 4 Aug 2018 5:27
Operator : JU/SJ
Sample : J4297-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

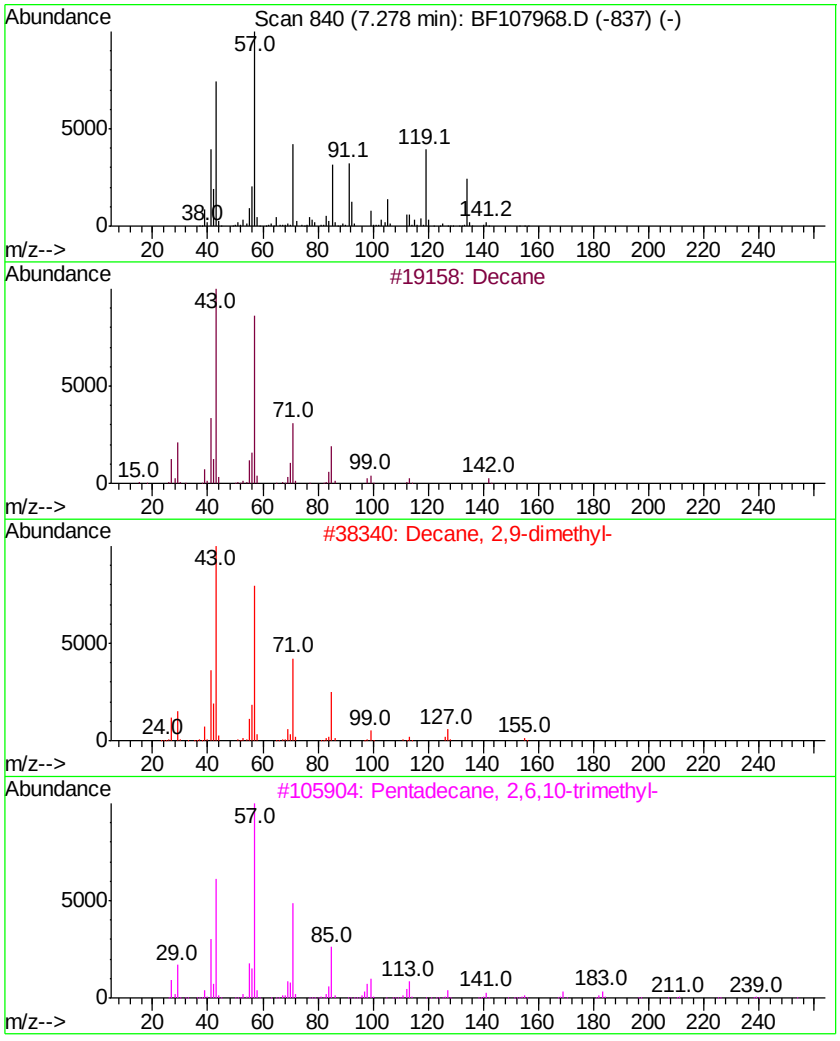
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

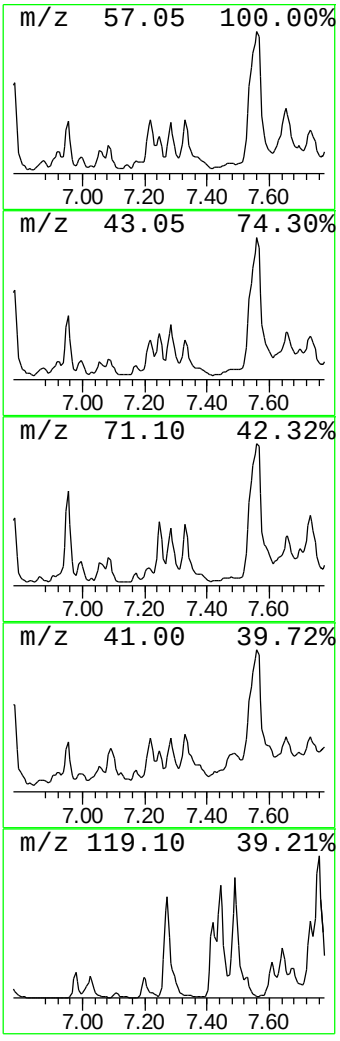
****

Peak Number 5 unknown7.28 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	37.75 ng	3686570	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	47
2	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	43
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	38
4	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	38
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	38





Library Search Compound Report

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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

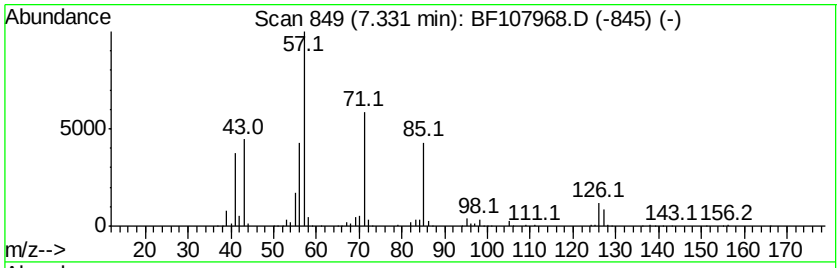
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

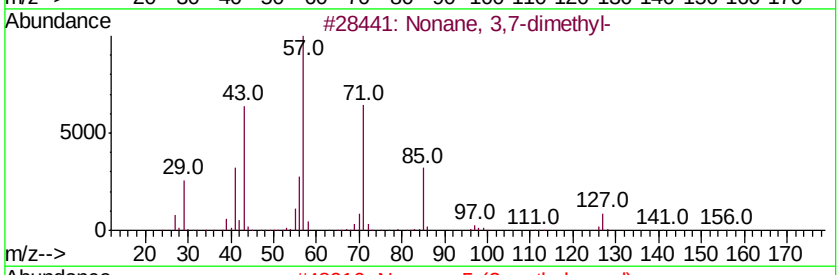
****

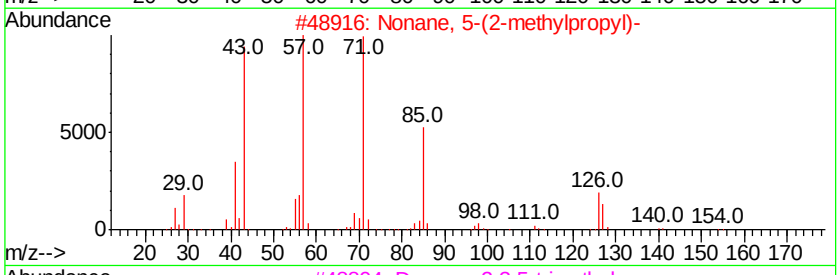
Peak Number 6 Nonane, 3,7-dimethyl- Concentration Rank 15

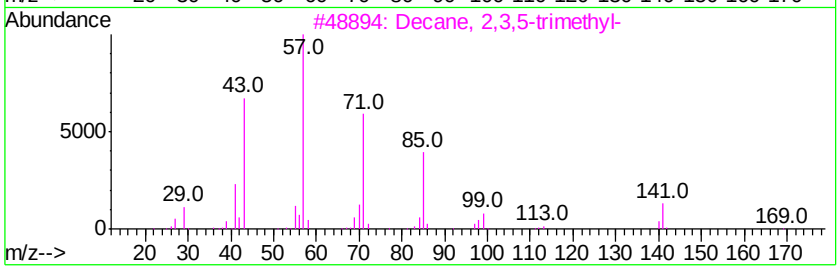
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	22.74 ng	2221020	1,4-Dichlorobenzene-d4	6.97

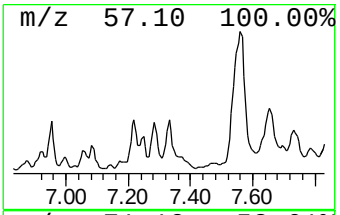
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59
2	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	47
4	1-Iodoundecane	282	C11H23I	004282-44-4	47
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	47

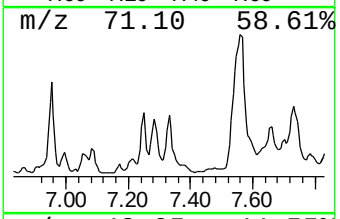


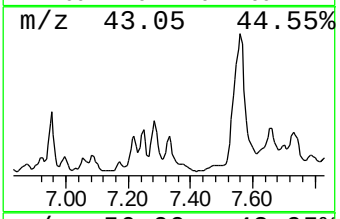


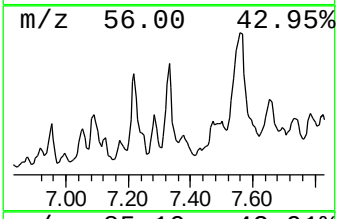


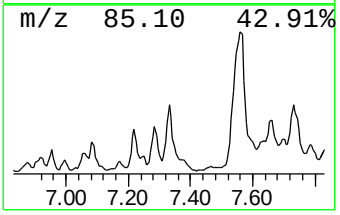












Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

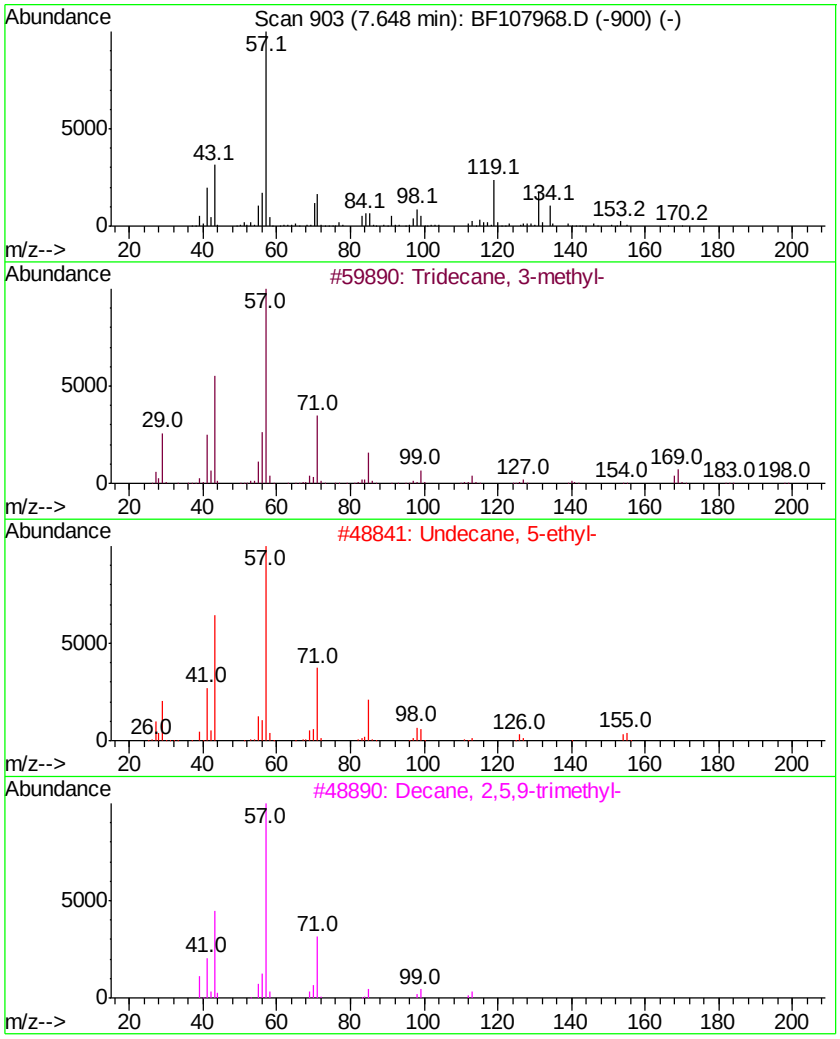
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

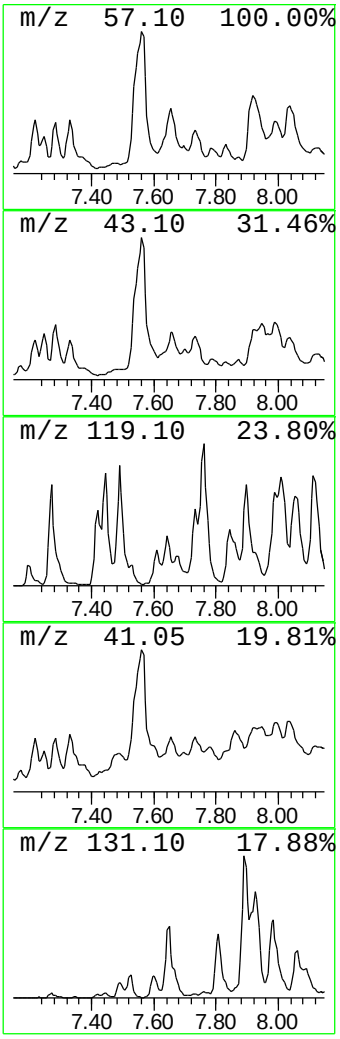
****

Peak Number 7 Tridecane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	36.01 ng	2035960	Naphthalene-d8	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	59
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	53
3	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	53
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
5	Dodecane	170	C12H26	000112-40-3	53





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Operator : JU/SJ
Sample : J4297-02
Misc :
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Instrument : BNA_F
ClientSampleId : TP-2

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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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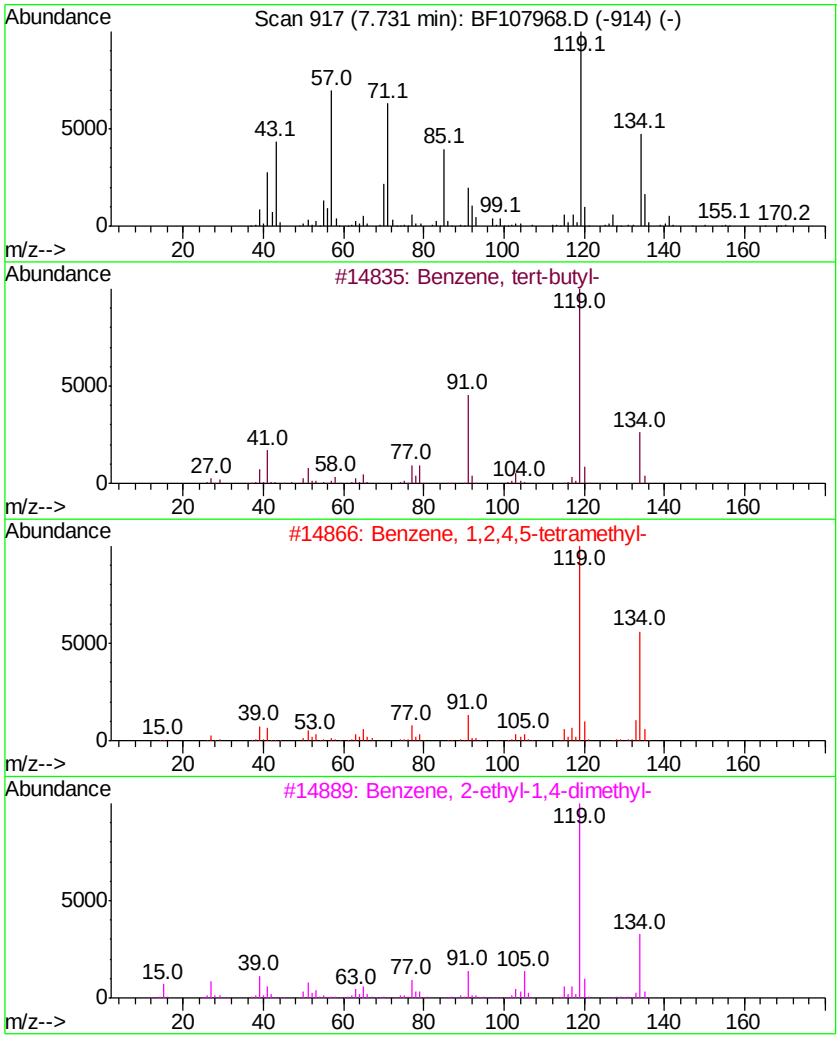
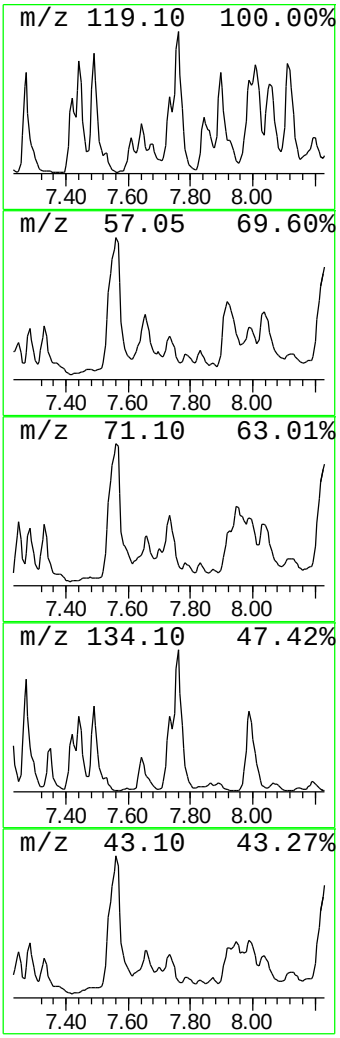
Peak Number 8 unknown7.73 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	39.35 ng	2224740	Naphthalene-d8	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, tert-butyl-	134	C10H14	000098-06-6	46
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	43
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	43
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	43
5	Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	43





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Instrument : BNA_F
ClientSampleId : TP-2

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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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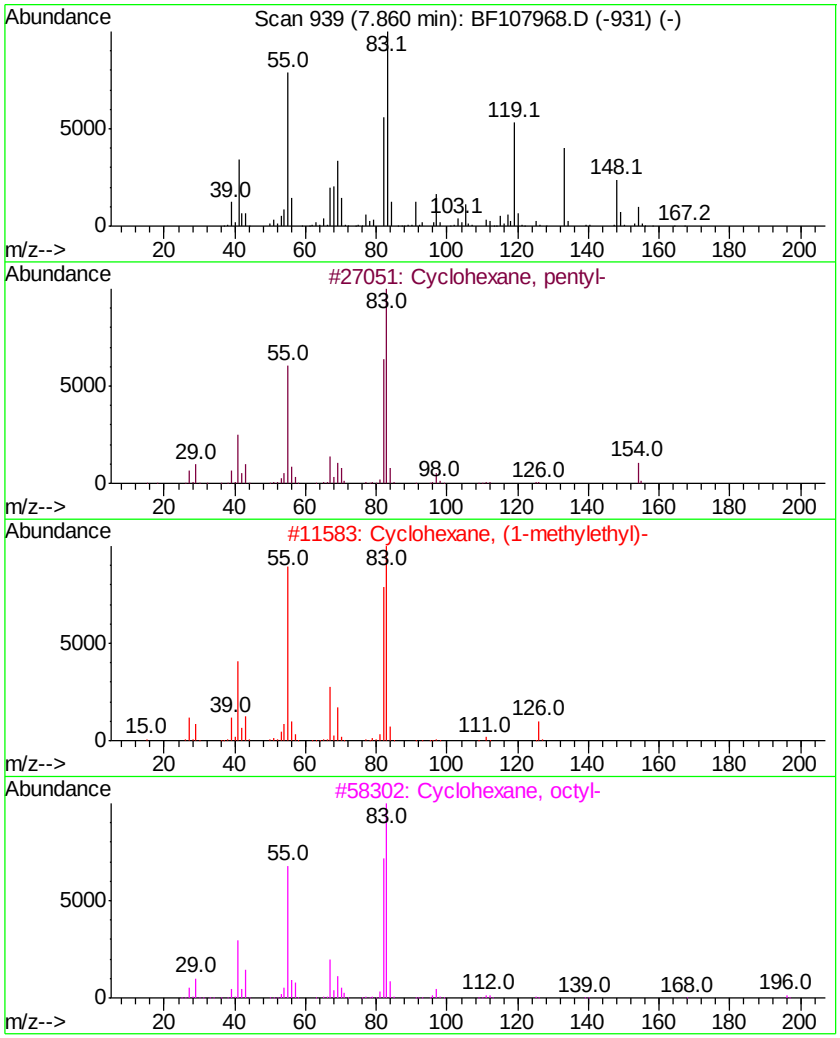
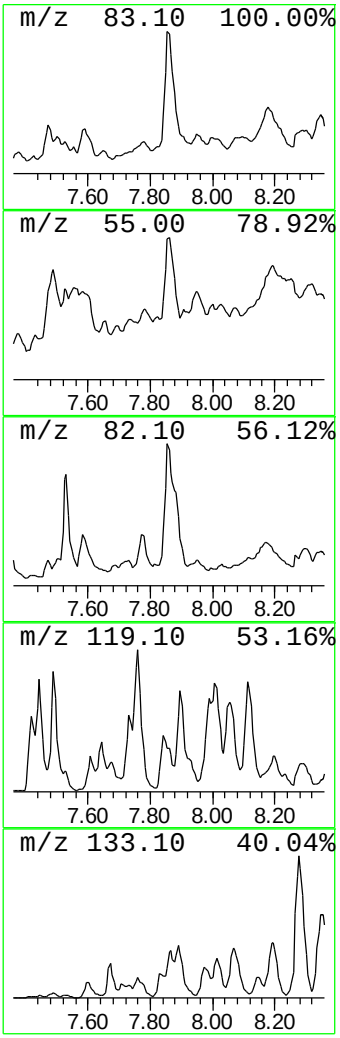
Peak Number 9 Cyclohexane, pentyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	98.58 ng	5573350	Naphthalene-d8	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	55
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	43
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	43
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	43





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ClientSampleId : TP-2

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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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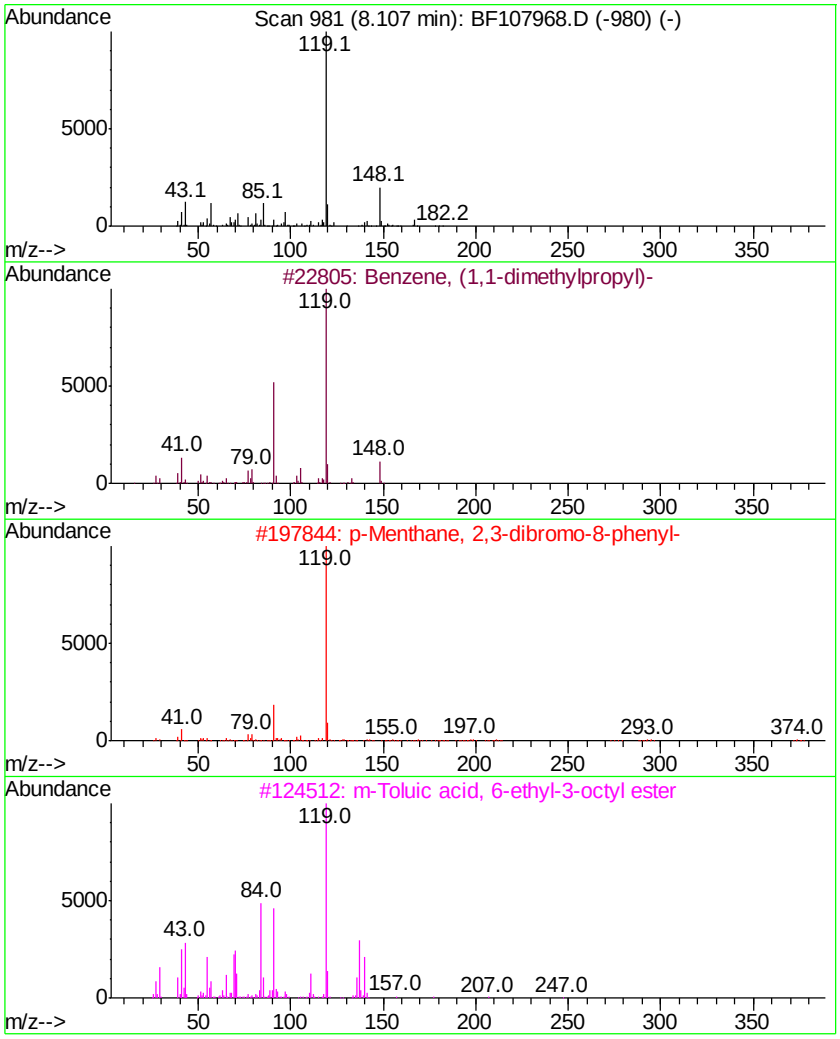
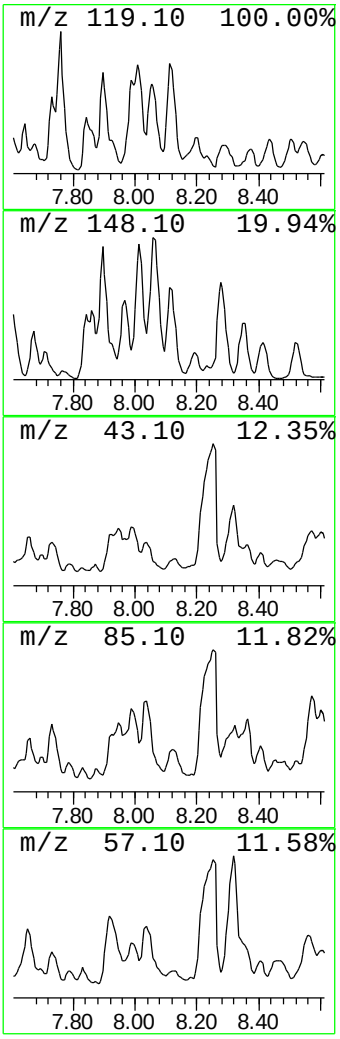
Peak Number 10 Benzene, (1,1-dimethylpropyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	20.00 ng	1130730	Naphthalene-d8	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	53
2	p-Menthane, 2,3-dibromo-8-phenyl-	372	C16H22Br2	1000152-61-6	37
3	m-Toluic acid, 6-ethyl-3-octyl e...	276	C18H28O2	1000293-33-3	36
4	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	36
5	m-Toluic acid, undec-2-enyl ester	288	C19H28O2	1000292-61-3	28





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Instrument : BNA_F
ClientSampleId : TP-2

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

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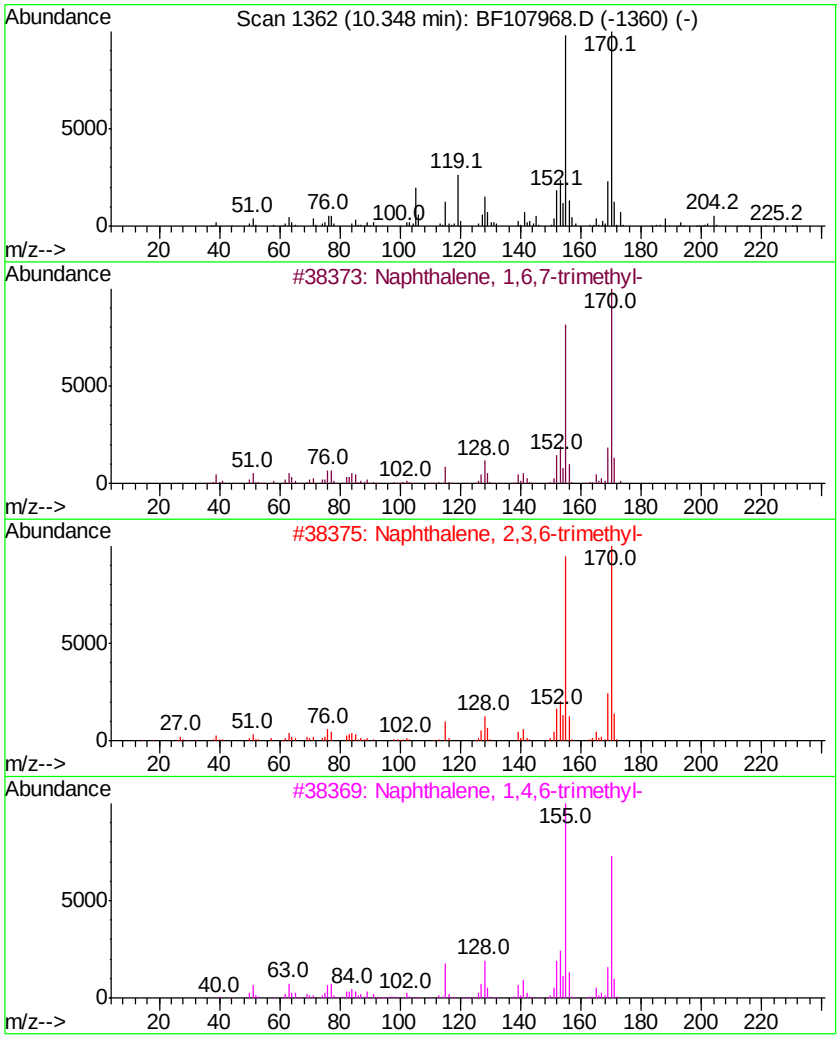
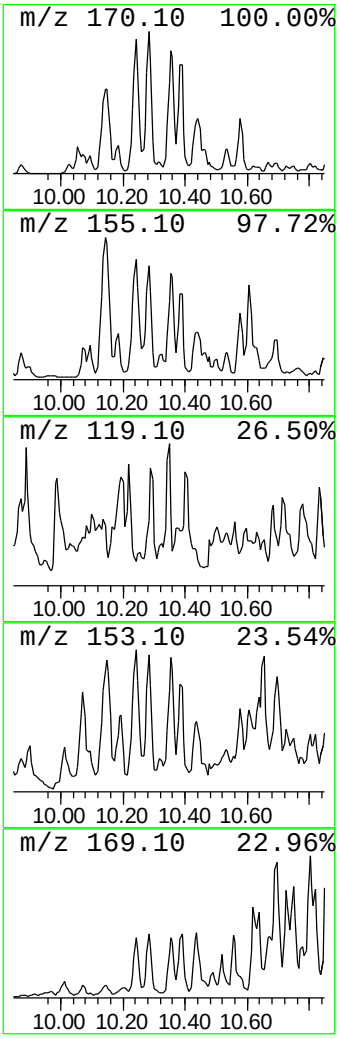
Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	20.00 ng	1618360	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	87
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83





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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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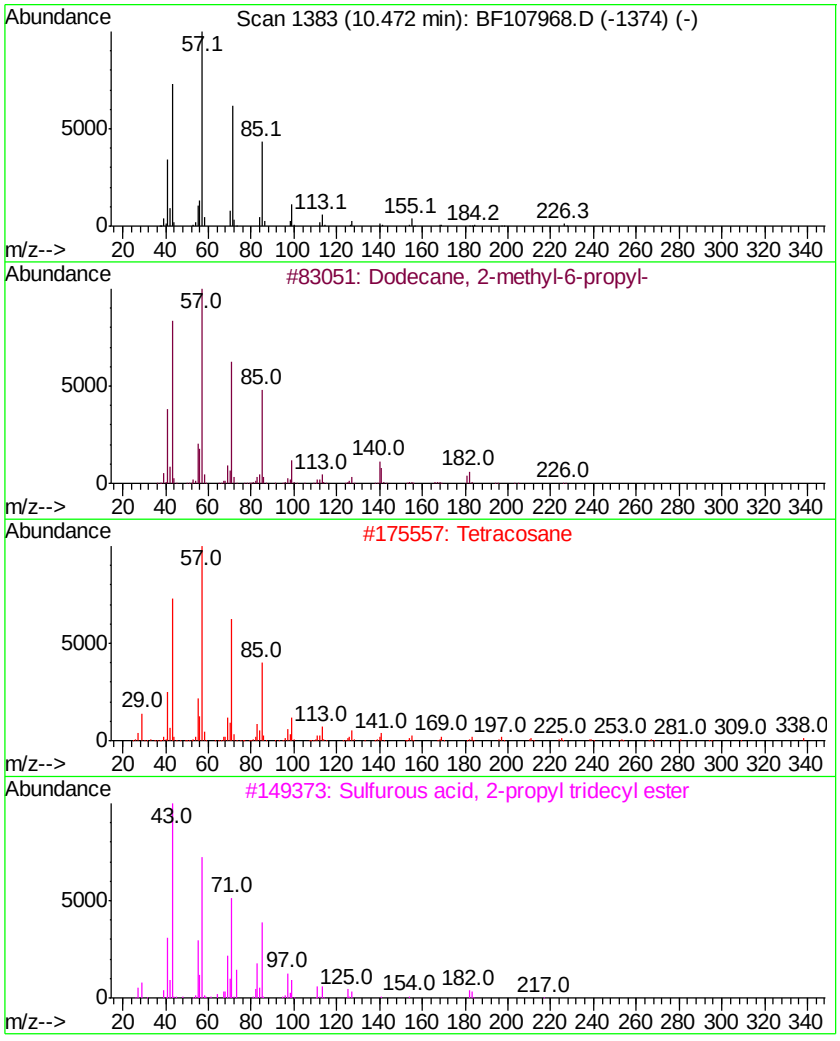
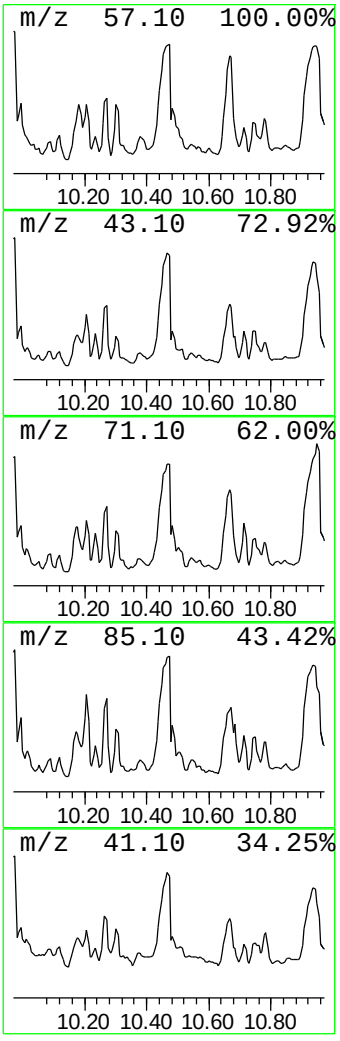
Peak Number 12 Dodecane, 2-methyl-6-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	81.04 ng	6557180	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
2	Tetracosane	338	C24H50	000646-31-1	78
3	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	72
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	72
5	Decane, 3-methyl-	156	C11H24	013151-34-3	68





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ClientSampleId : TP-2

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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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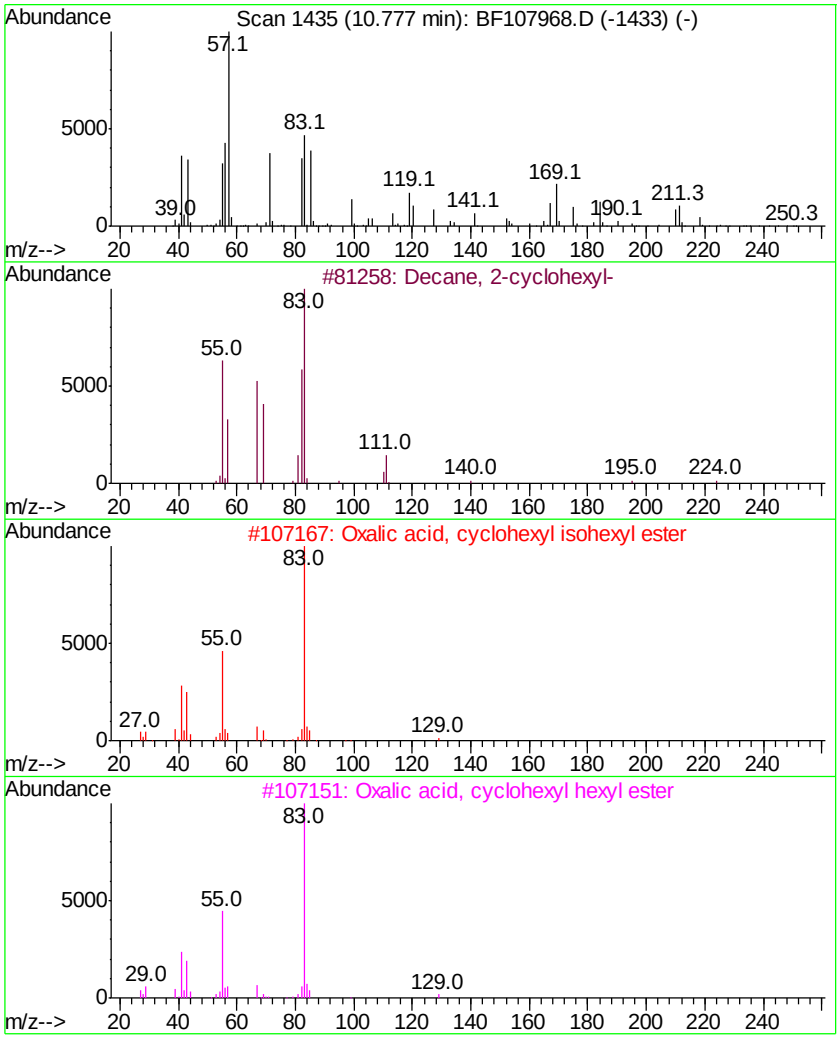
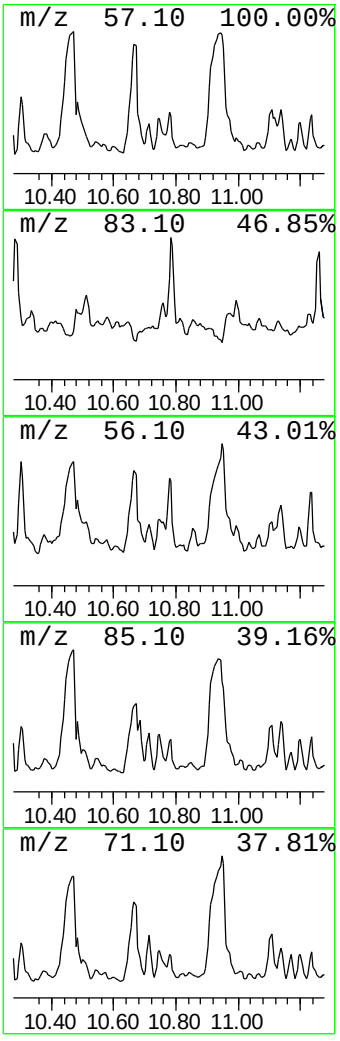
Peak Number 13 unknown10.78 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	18.52 ng	1498720	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-cyclohexyl-	224	C16H32	013151-73-0	35
2	Oxalic acid, cyclohexyl isohexyl...	256	C14H24O4	1000309-30-7	22
3	Oxalic acid, cyclohexyl hexyl ester	256	C14H24O4	1000309-30-8	22
4	Silane, trichlorocyclohexyl-	216	C6H11Cl3Si	000098-12-4	14
5	2,5,5-Trimethyl-3-oxo-pyrroline,...	141	C7H11NO2	1000305-90-5	14





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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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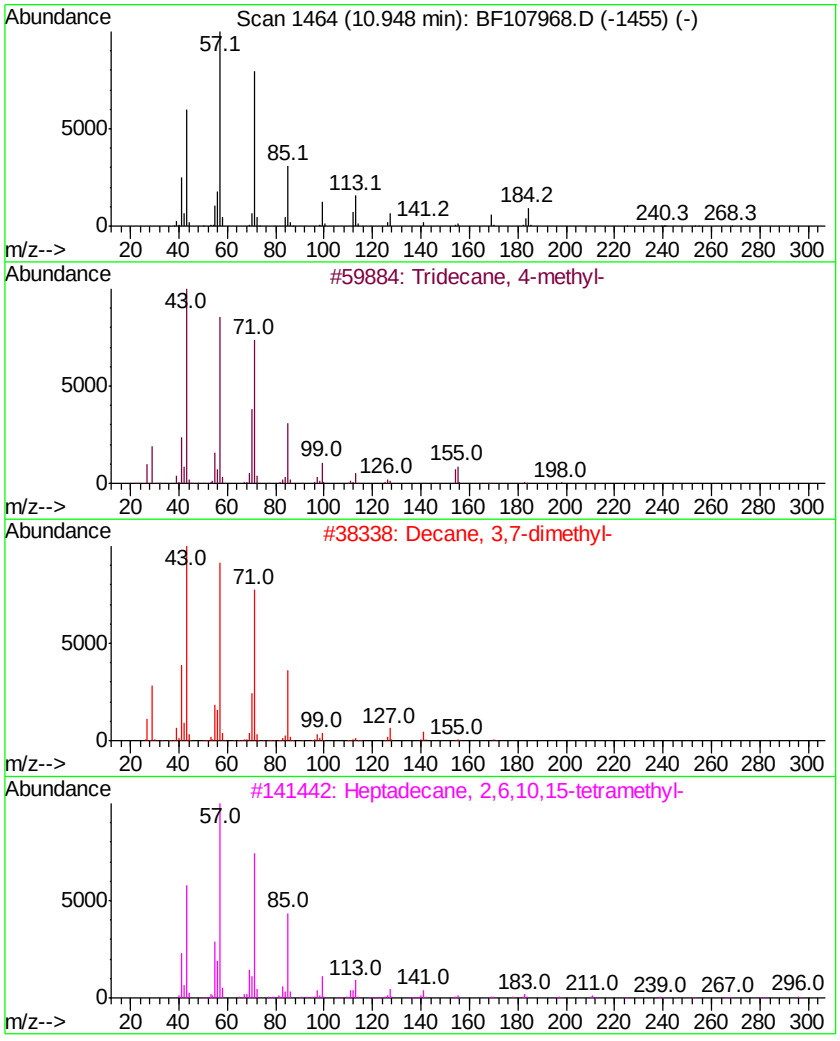
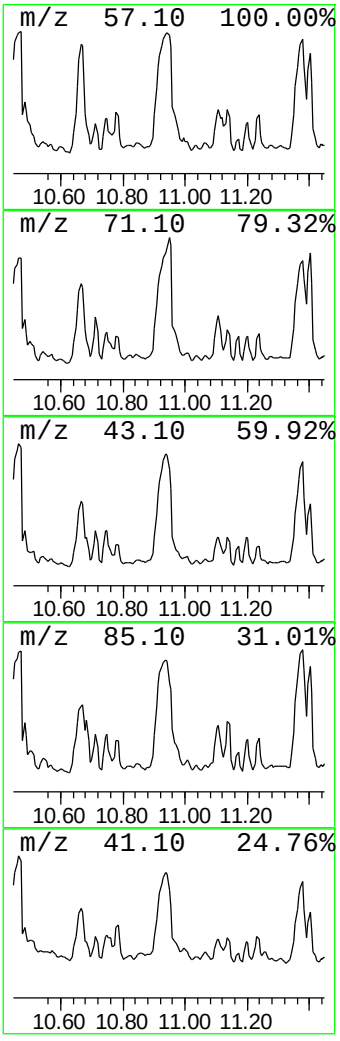
Peak Number 14 Tridecane, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	107.01 ng	8150320	Phenanthrene-d10	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-	198	C14H30	026730-12-1	64
2	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	64
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	59
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	50
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	50





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ClientSampleId : TP-2

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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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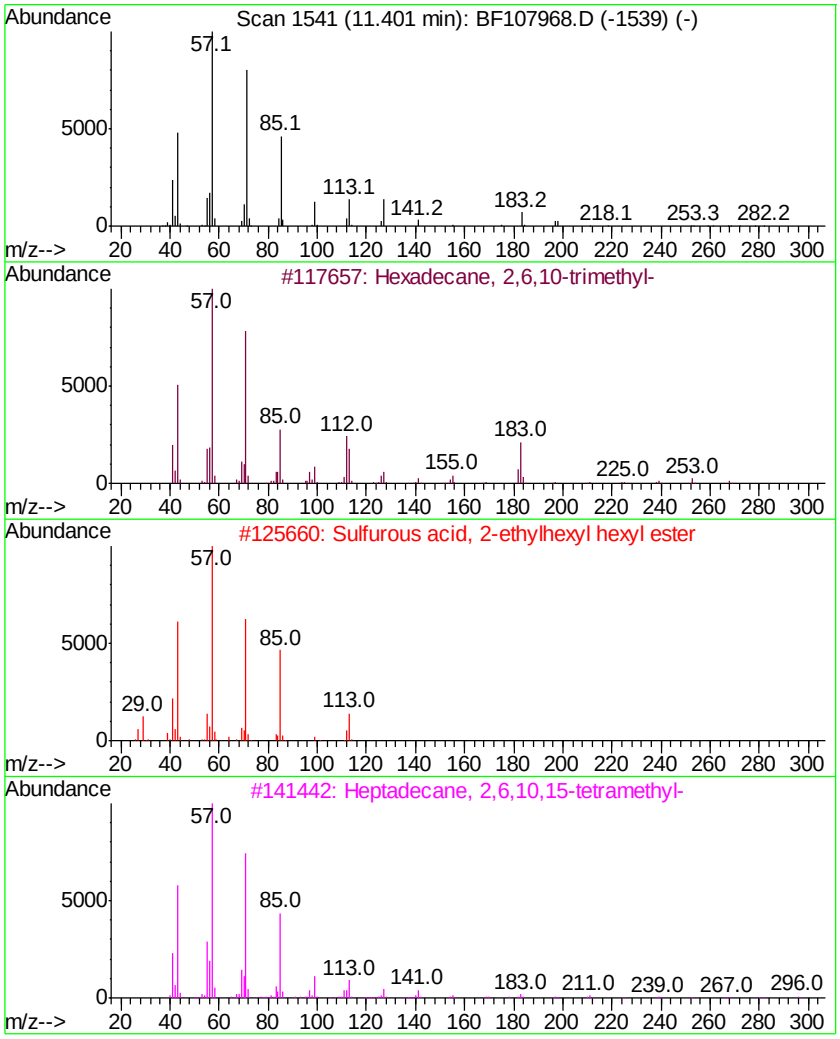
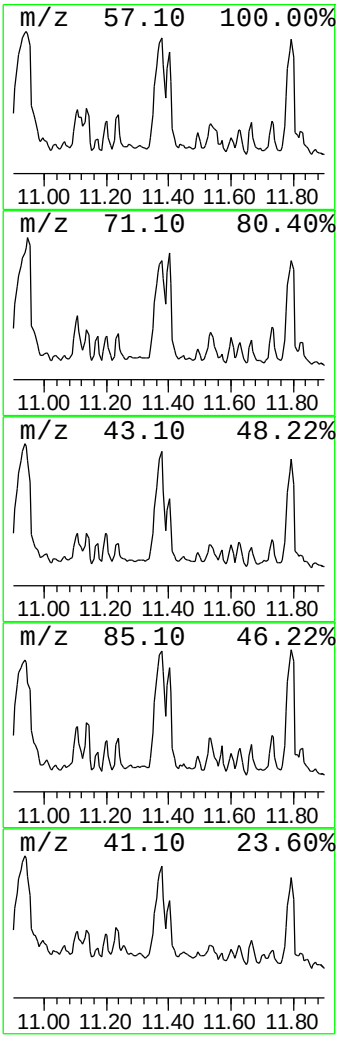
Peak Number 15 Hexadecane, 2,6,10-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	20.00 ng	1523340	Phenanthrene-d10	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	81
2	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
4	5,5,7,7-Tetraethylundecane	268	C19H40	1000360-42-0	72
5	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	64





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TIC Library : C:\DATABASE\NIST11.L
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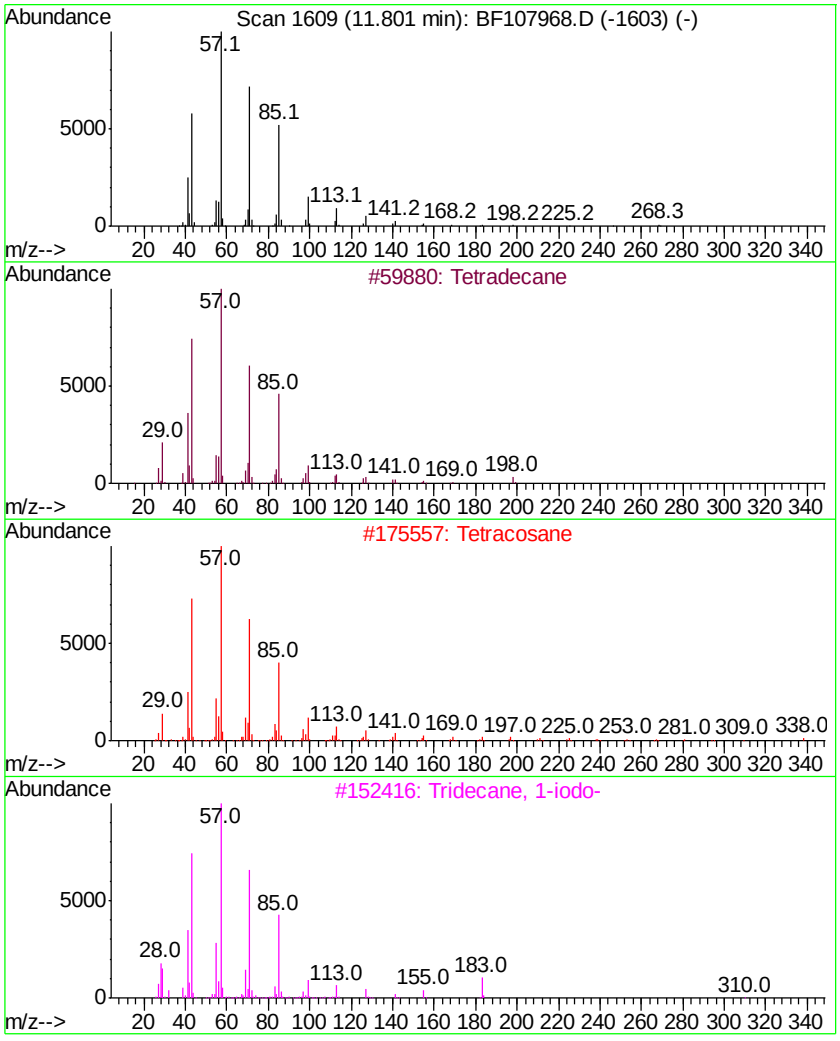
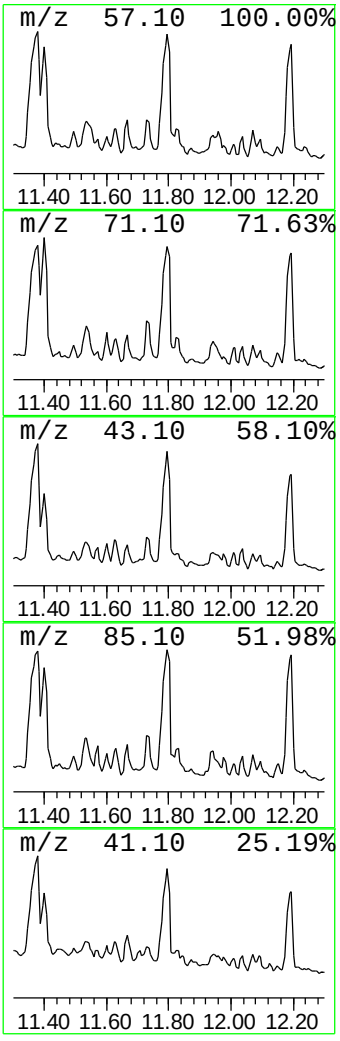
Peak Number 16 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	57.76 ng	4399480	Phenanthrene-d10	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	83
5	Pentadecane	212	C15H32	000629-62-9	80





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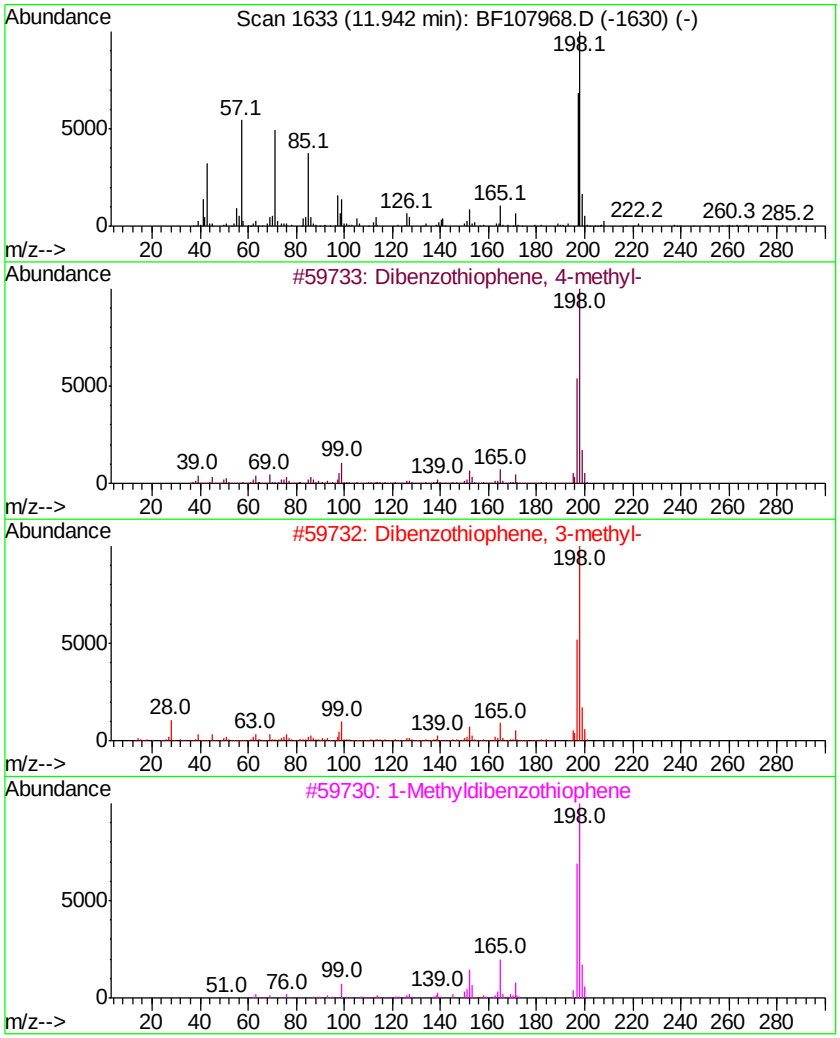
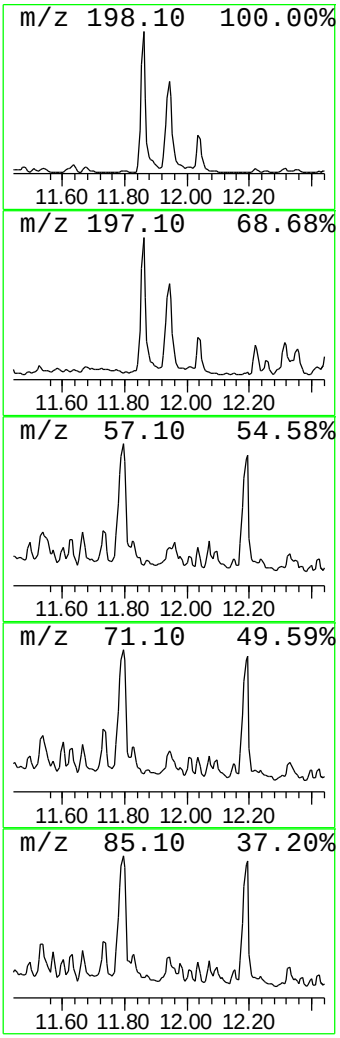
Peak Number 17 Dibenzothiophene, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	19.45 ng	1481460	Phenanthrene-d10	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	83
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	83
3	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	64
4	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	52
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	47





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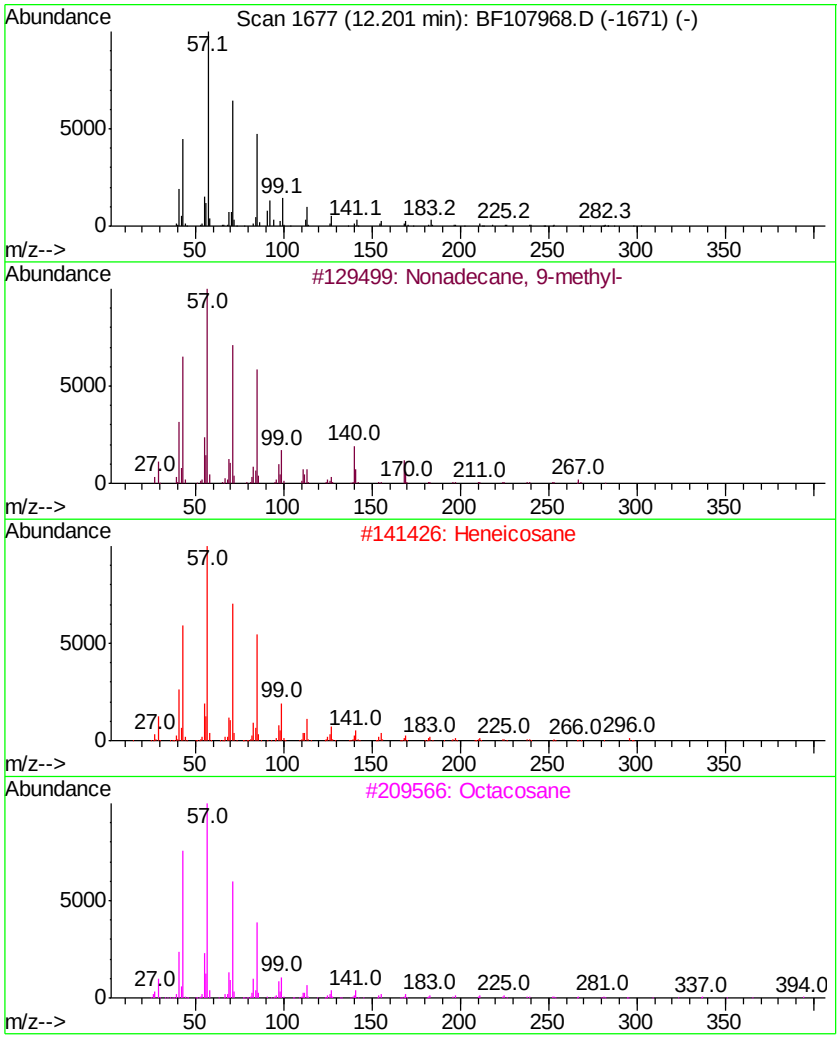
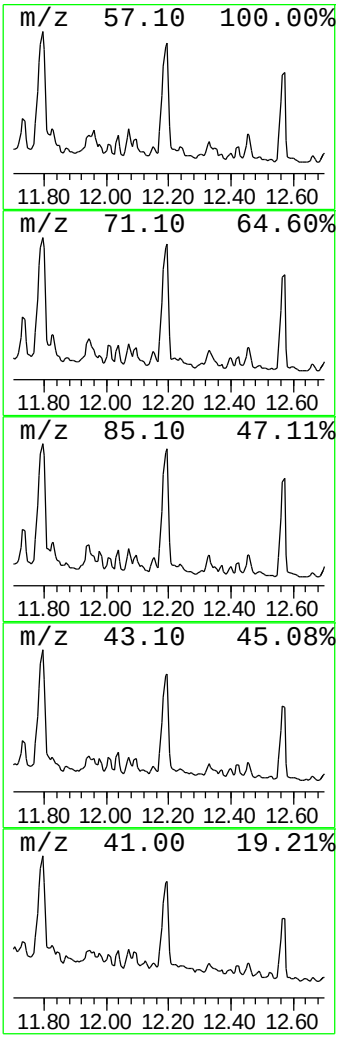
Peak Number 18 Nonadecane, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	53.57 ng	4080110	Phenanthrene-d10	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	94
2	Heneicosane	296	C21H44	000629-94-7	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Pentadecane	212	C15H32	000629-62-9	80
5	1-Iodoundecane	282	C11H23I	004282-44-4	80





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Sample : J4297-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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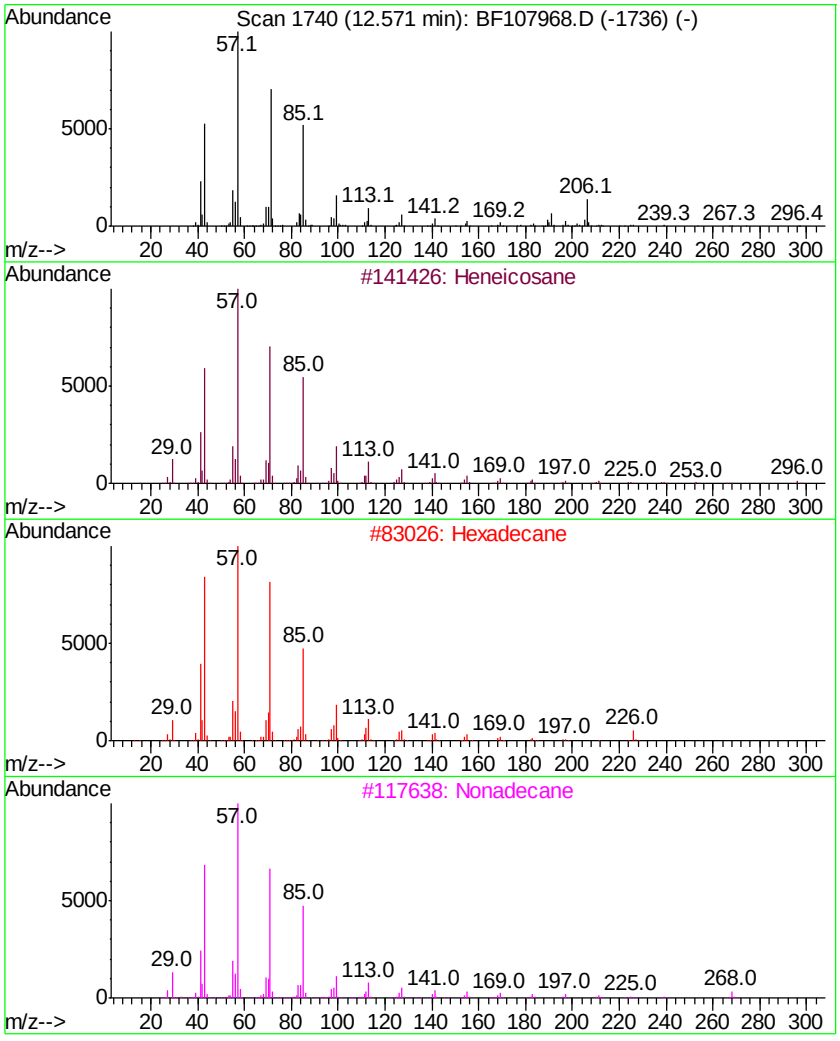
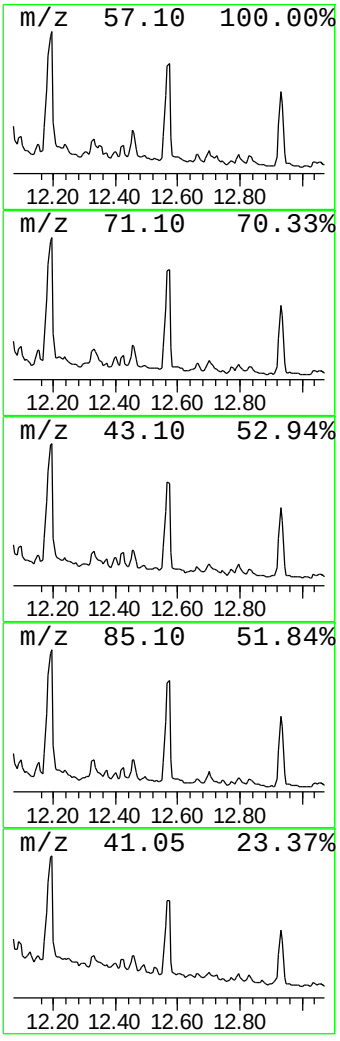
Peak Number 19 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	53.42 ng	4068950	Phenanthrene-d10	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	86
2	Hexadecane	226	C16H34	000544-76-3	78
3	Nonadecane	268	C19H40	000629-92-5	62
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58
5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107968.D
Acq On : 4 Aug 2018 5:27
Operator : JU/SJ
Sample : J4297-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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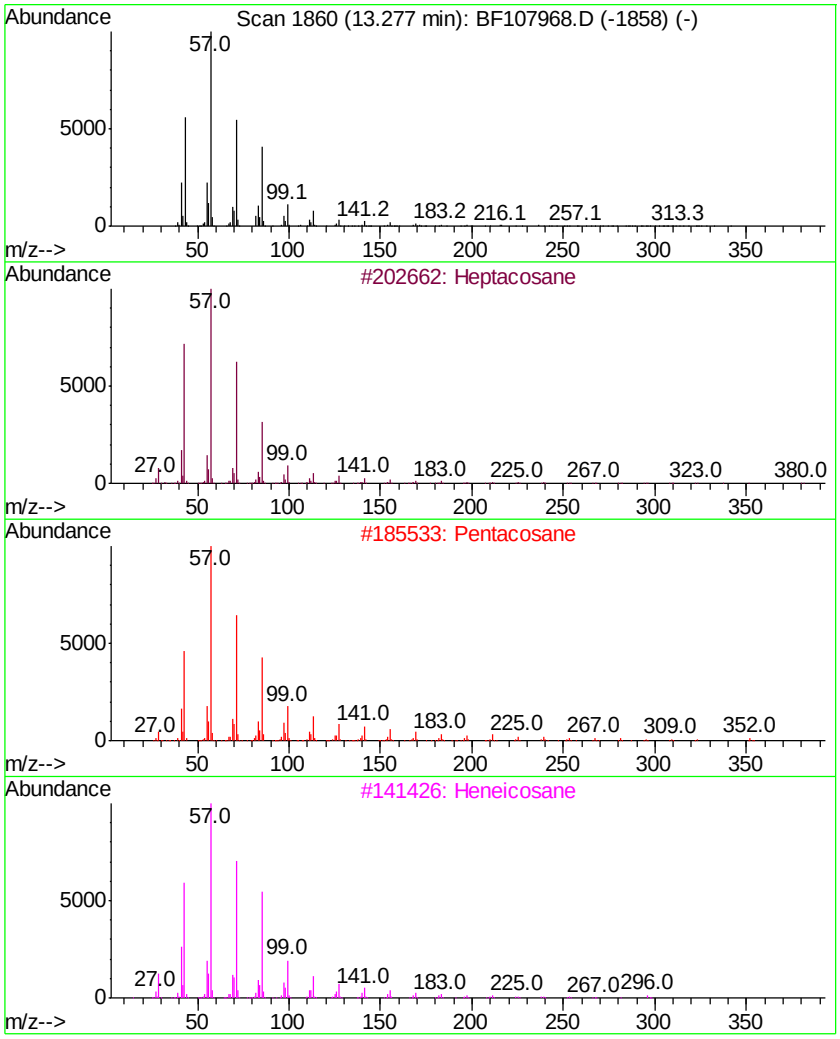
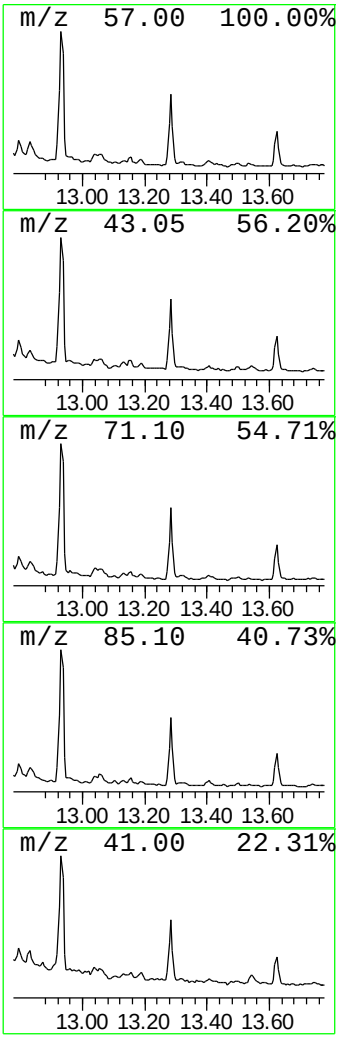
Peak Number 20 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	31.68 ng	1109940	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Heneicosane	296	C21H44	000629-94-7	87
4	Octadecane	254	C18H38	000593-45-3	86
5	Eicosane	282	C20H42	000112-95-8	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080318\
Data File : BF107968.D
Acq On : 4 Aug 2018 5:27
Operator : JU/SJ
Sample : J4297-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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
Benzene, 1-ethyl-...	6.47	22.8	ng	2221530	1	6.97	1953380	20.0
Tetradecane	6.78	65.5	ng	6393880	1	6.97	1953380	20.0
Hexane, 2,3,4-tri...	7.22	44.9	ng	4388800	1	6.97	1953380	20.0
unknown7.28	7.28	37.8	ng	3686570	1	6.97	1953380	20.0
Nonane, 3,7-dimet...	7.33	22.7	ng	2221020	1	6.97	1953380	20.0
Tridecane, 3-methyl-	7.65	36.0	ng	2035960	2	8.27	1130730	20.0
unknown7.73	7.73	39.4	ng	2224740	2	8.27	1130730	20.0
Cyclohexane, pentyl-	7.86	98.6	ng	5573350	2	8.27	1130730	20.0
Benzene, (1,1-dim...	8.11	20.0	ng	1130730	2	8.27	1130730	20.0
Naphthalene, 1,6,...	10.35	20.0	ng	1618360	3	10.04	1618360	20.0
Dodecane, 2-methy...	10.47	81.0	ng	6557180	3	10.04	1618360	20.0
unknown10.78	10.78	18.5	ng	1498720	3	10.04	1618360	20.0
Tridecane, 4-methyl-	10.95	107.0	ng	8150320	4	11.53	1523340	20.0
Hexadecane, 2,6,1...	11.40	20.0	ng	1523340	4	11.53	1523340	20.0
Tetracosane	11.80	57.8	ng	4399480	4	11.53	1523340	20.0
Dibenzothiophene,...	11.94	19.4	ng	1481460	4	11.53	1523340	20.0
Nonadecane, 9-met...	12.20	53.6	ng	4080110	4	11.53	1523340	20.0
Heneicosane	12.57	53.4	ng	4068950	4	11.53	1523340	20.0
Eicosane	13.28	31.7	ng	1109940	5	14.15	700740	20.0