LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110107.D
Acq On : 24 Oct 2018 11:41
Operator : JU/SJ
Sample : J5610-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1(0-2)

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-BF102318.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	2.316	32	39	45	rVB	483808	649841	15.16%	1.281%
2	3.581	251	254	264	rBV	35770	73975	1.73%	0.146%
3	5.204	526	530	539	rVB	218117	268013	6.25%	0.528%
4	5.586	589	595	598	rBV	3666594	3579266	83.49%	7.054%
5	6.586	759	765	769	rBV2	3633351	4287157	100.00%	8.449%
6	6.733	785	790	793	rBV	4178188	3924471	91.54%	7.735%
7	6.963	825	829	832	rBV	1536317	1207696	28.17%	2.380%
8	7.122	851	856	859	rBV	3645597	3119992	72.78%	6.149%
9	7.528	920	925	928	rBV	2654359	2510004	58.55%	4.947%
10	8.216	1039	1042	1043	rBV	66949	50902	1.19%	0.100%
11	8.245	1043	1047	1050	rBV	1751072	1464322	34.16%	2.886%
12	8.527	1091	1095	1097	rBV2	42855	50704	1.18%	0.100%
13	8.822	1143	1145	1149	rBV	101427	87457	2.04%	0.172%
14	9.186	1204	1207	1209	rBV2	50204	54212	1.26%	0.107%
15	9.257	1217	1219	1225	rVB3	109915	108914	2.54%	0.215%
16	9.322	1225	1230	1233	rBV	4864701	4271237	99.63%	8.418%
17	9.392	1239	1242	1245	rBV2	306852	297740	6.94%	0.587%
18	9.580	1271	1274	1280	rBV6	44914	85285	1.99%	0.168%
19	9.710	1293	1296	1299	rBV	985803	812228	18.95%	1.601%
20	9.774	1304	1307	1309	rBV3	68738	80712	1.88%	0.159%
21	9.869	1319	1323	1325	rBV	163568	159307	3.72%	0.314%
22	9.921	1328	1332	1334	rVB2	307938	300538	7.01%	0.592%
23	10.004	1340	1346	1350	rBV	1631966	1547607	36.10%	3.050%
24	10.033	1350	1351	1360	rVB5	83712	140446	3.28%	0.277%
25	10.098	1360	1362	1367	rBV3	38668	61554	1.44%	0.121%
26	10.157	1368	1372	1374	rBV5	40631	67623	1.58%	0.133%
27	10.204	1378	1380	1383	rVB2	100464	93267	2.18%	0.184%
28	10.245	1384	1387	1391	rVB2	128391	128604	3.00%	0.253%
29	10.280	1391	1393	1396	rVB4	53872	48103	1.12%	0.095%
30	10.321	1396	1400	1402	rBV	117706	148029	3.45%	0.292%
31	10.421	1411	1417	1420	rBV2	335832	343554	8.01%	0.677%
32	10.457	1420	1423	1425	rBV3	37856	54171	1.26%	0.107%
33	10.639	1451	1454	1457	rBV	177251	151035	3.52%	0.298%
34	10.698	1461	1464	1466	rBV3	49291	62089	1.45%	0.122%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5610-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1(0-2)

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.792	1477	1480	1484	rBV	1703515	1522377	35.51%	3.000%
36	10.910	1494	1500	1507	rVB2	418866	686565	16.01%	1.353%
37	10.992	1511	1514	1516	rVB2	49445	52736	1.23%	0.104%
38	11.221	1550	1553	1556	rBV4	50864	75665	1.76%	0.149%
39	11.298	1563	1566	1569	rBV	65354	65780	1.53%	0.130%
40	11.345	1571	1574	1576	rBV	276859	214671	5.01%	0.423%
41	11.374	1576	1579	1581	rBV	197124	163095	3.80%	0.321%
42	11.498	1596	1600	1602	rBV	1473291	1309715	30.55%	2.581%
43	11.521	1602	1604	1608	rVV	573282	460404	10.74%	0.907%
44	11.568	1610	1612	1615	rVV	149038	123562	2.88%	0.244%
45	11.657	1624	1627	1629	rBV4	46123	55983	1.31%	0.110%
46	11.727	1636	1639	1641	rBV	84514	84138	1.96%	0.166%
47	11.768	1644	1646	1649	rVV	235126	189243	4.41%	0.373%
48	12.004	1682	1686	1688	rBV2	195858	221986	5.18%	0.438%
49	12.027	1688	1690	1693	rVB	129084	114617	2.67%	0.226%
50	12.110	1701	1704	1706	rBV2	97773	98006	2.29%	0.193%
51	12.180	1713	1716	1718	rBV	246661	188190	4.39%	0.371%
52	12.292	1733	1735	1737	rBV	83174	62974	1.47%	0.124%
53	12.321	1737	1740	1743	rVV3	51393	53344	1.24%	0.105%
54	12.545	1776	1778	1780	rBV	75190	63517	1.48%	0.125%
55	12.568	1780	1782	1787	rVB2	193820	172904	4.03%	0.341%
56	12.710	1803	1806	1810	rBV	878740	823823	19.22%	1.624%
57	12.945	1840	1846	1849	rBV	962367	992377	23.15%	1.956%
58	13.080	1865	1869	1877	rVB	2906341	2862123	66.76%	5.641%
59	13.268	1899	1901	1903	rVB	101997	77193	1.80%	0.152%
60	13.298	1903	1906	1908	rBV	195580	139815	3.26%	0.276%
61	13.498	1938	1940	1943	rBV	71518	87435	2.04%	0.172%
62	13.639	1961	1964	1967	rBV	214977	202367	4.72%	0.399%
63	13.945	2014	2016	2017	rBV	85088	73491	1.71%	0.145%
64	13.968	2017	2020	2028	rVB3	426045	520517	12.14%	1.026%
65	14.104	2040	2043	2046	rBV	1630270	1514062	35.32%	2.984%
66	14.145	2046	2050	2052	rVV2	1185321	1421086	33.15%	2.801%
67	14.168	2052	2054	2059	rVB	419751	338248	7.89%	0.667%
68	14.286	2071	2074	2079	rBV	319405	294655	6.87%	0.581%
69	14.598	2124	2127	2131	rBV	323220	318838	7.44%	0.628%
70	14.915	2178	2181	2186	rVB	406889	399908	9.33%	0.788%
71	15.215	2228	2232	2235	rBV	347244	523745	12.22%	1.032%

LSC Area Percent Report

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Data File : BF110107.D
Acq On : 24 Oct 2018 11:41
Operator : JU/SJ
Sample : J5610-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1(0-2)

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.268	2238	2241	2248	rVB	526554	626466	14.61%	1.235%
73	15.539	2284	2287	2294	rVB	222651	308592	7.20%	0.608%
74	15.603	2294	2298	2303	rBV	276212	406652	9.49%	0.801%
75	15.674	2305	2310	2317	rVB	1080195	1552467	36.21%	3.060%
76	16.133	2384	2388	2394	rVB	386775	585191	13.65%	1.153%
77	16.674	2476	2480	2488	rVB	225879	400461	9.34%	0.789%

Sum of corrected areas: 50739039

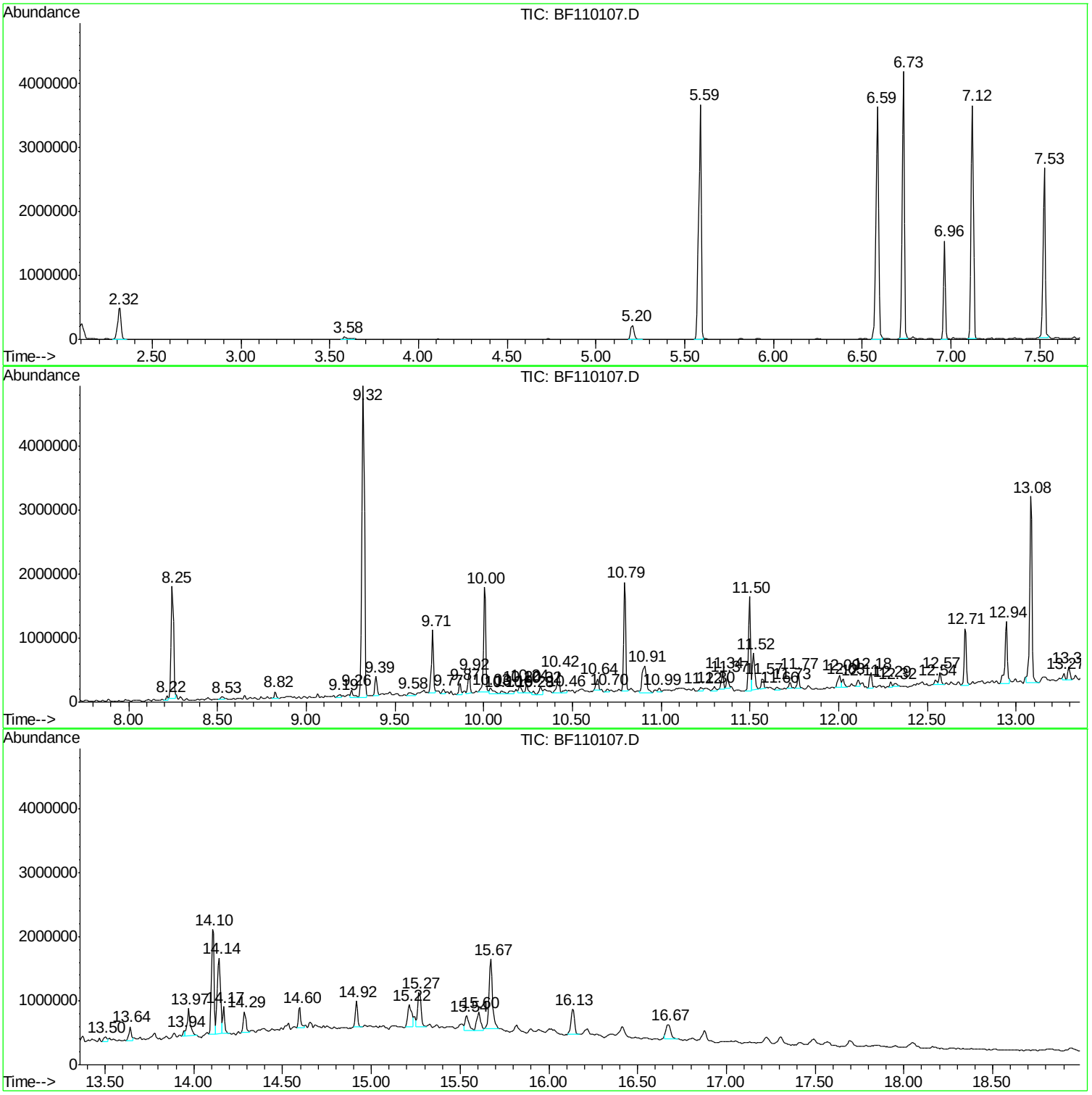
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110107.D
Acq On : 24 Oct 2018 11:41
Operator : JU/SJ
Sample : J5610-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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\BF102418\
Data File : BF110107.D
Acq On : 24 Oct 2018 11:41
Operator : JU/SJ
Sample : J5610-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

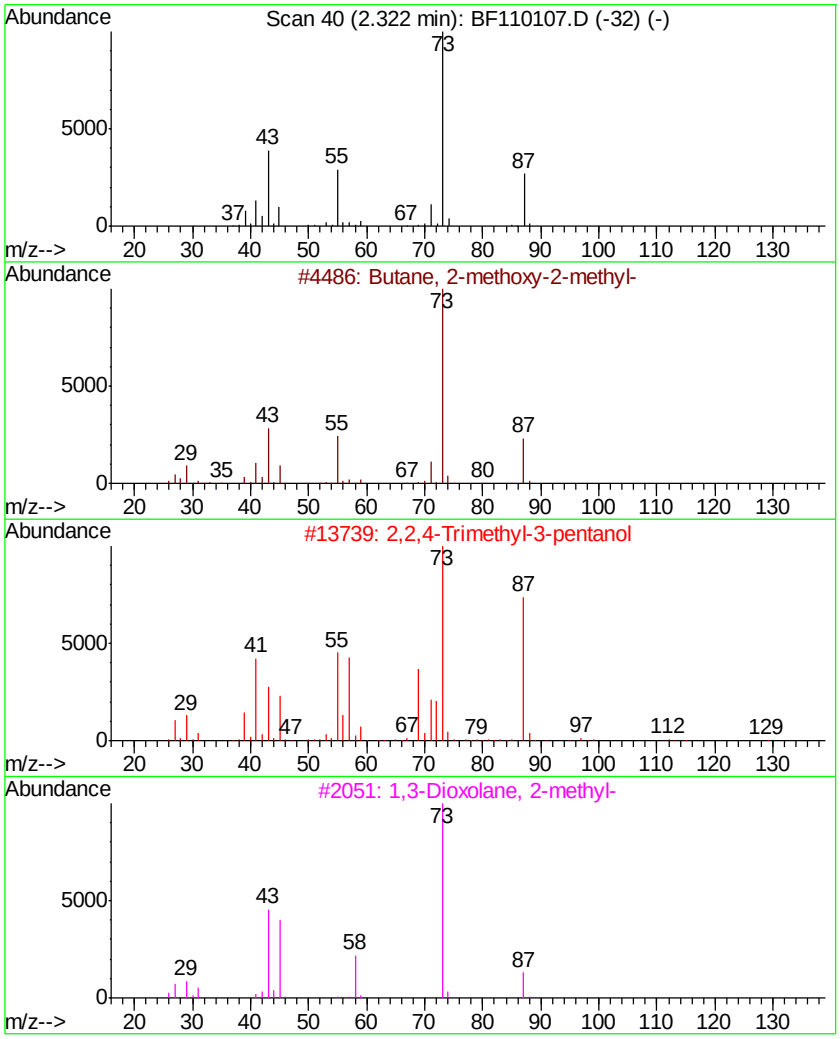
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

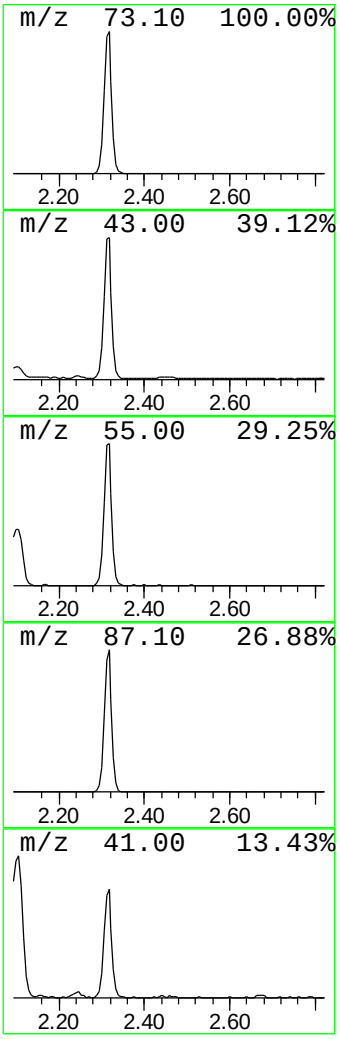
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	10.76 ng	649841	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	16
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110107.D
Acq On : 24 Oct 2018 11:41
Operator : JU/SJ
Sample : J5610-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

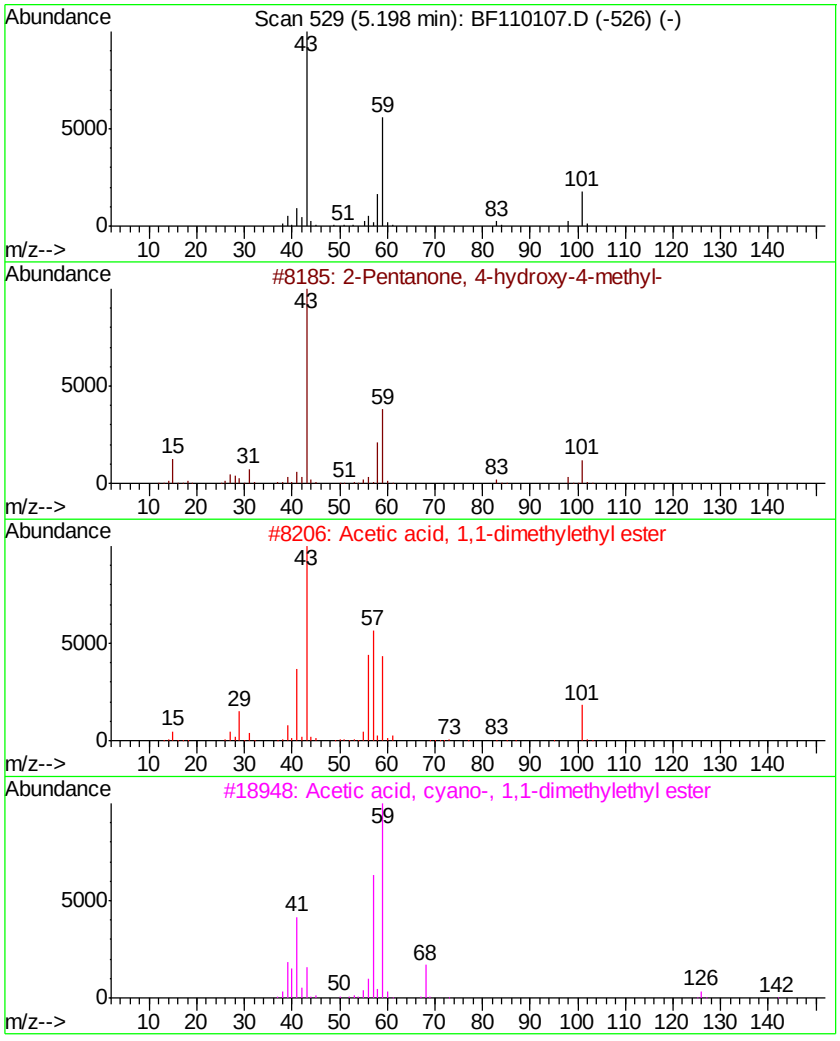
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

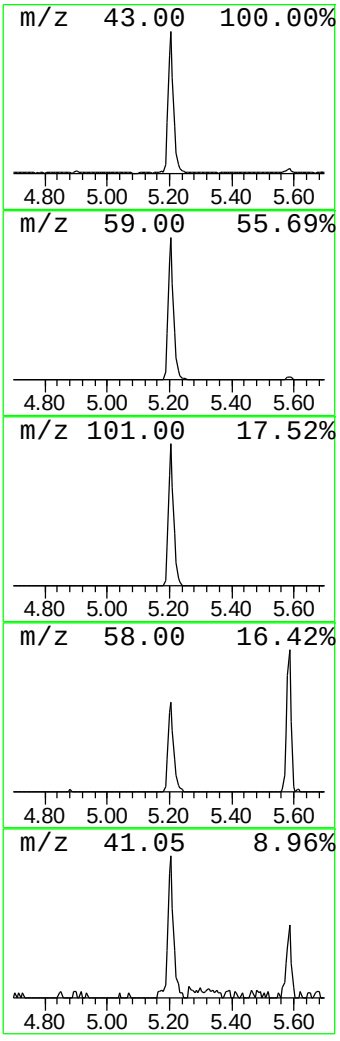
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	4.44 ng	268013	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110107.D
Acq On : 24 Oct 2018 11:41
Operator : JU/SJ
Sample : J5610-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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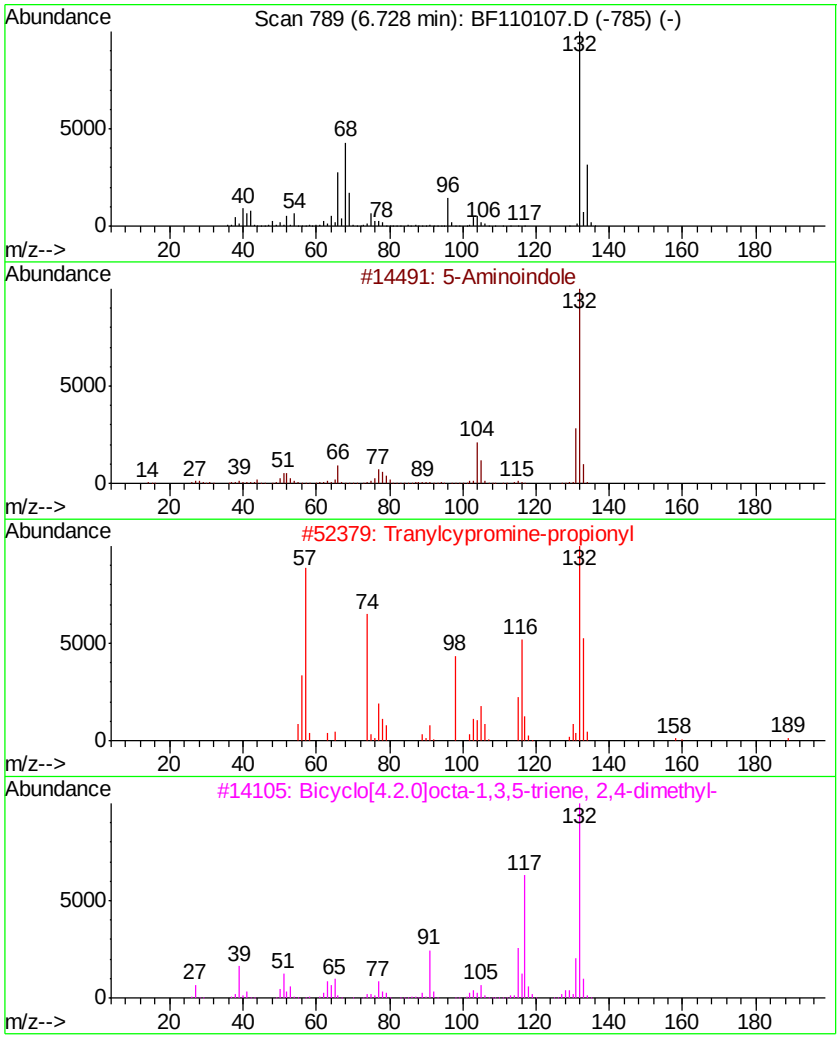
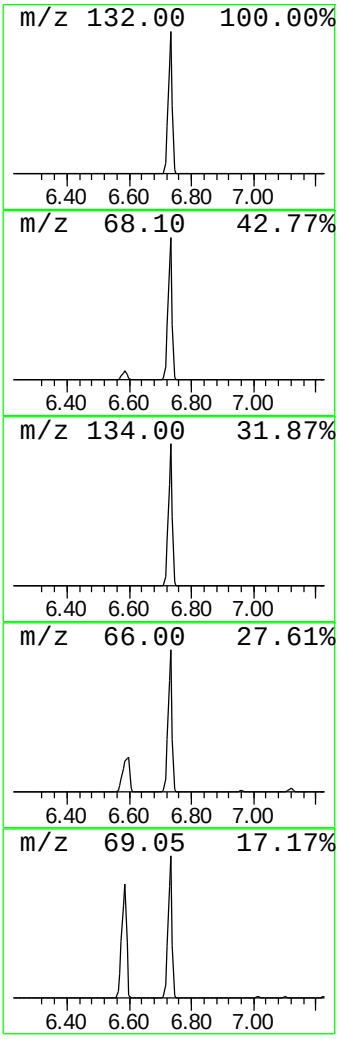
****

Peak Number 3 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	64.99 ng	3924470	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110107.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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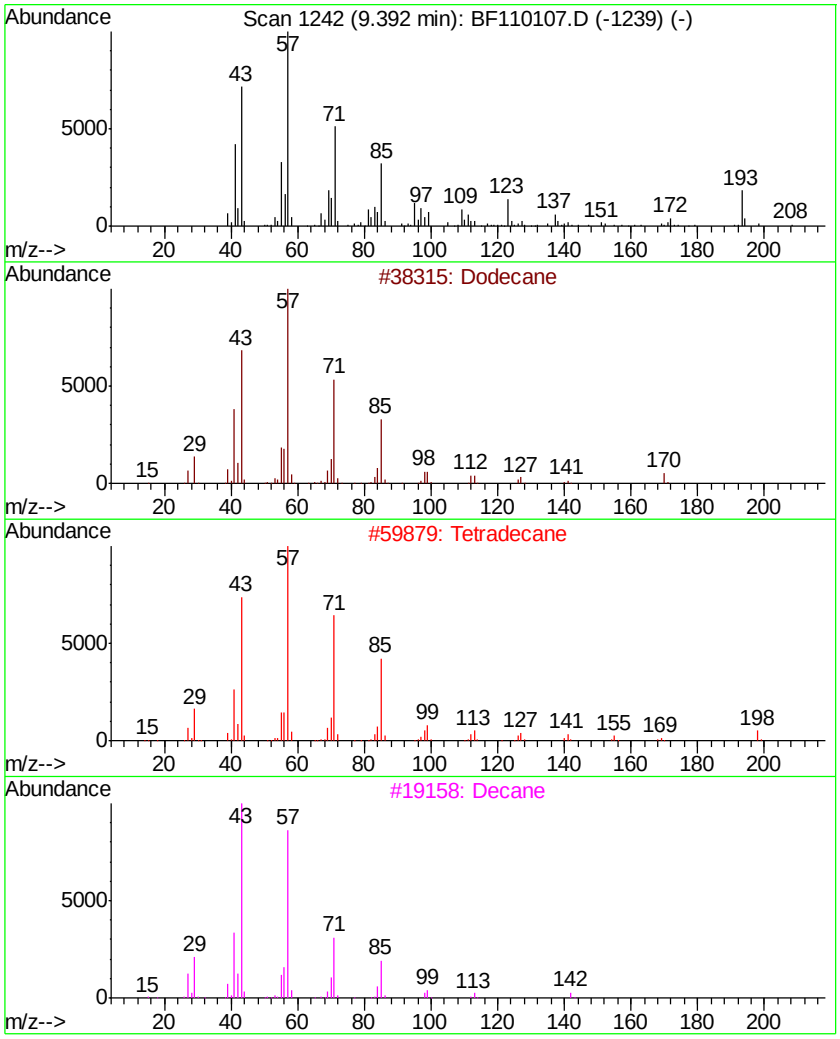
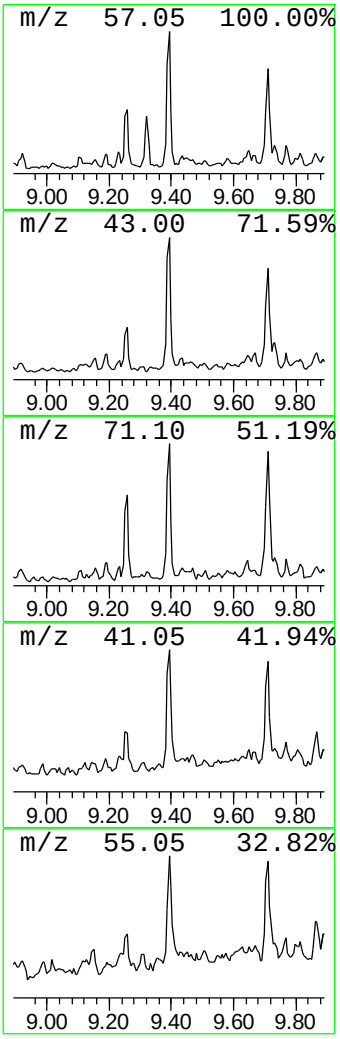
****

Peak Number 5 Dodecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	3.85 ng	297740	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	78
2	Tetradecane	198	C14H30	000629-59-4	60
3	Decane	142	C10H22	000124-18-5	60
4	Pentadecane	212	C15H32	000629-62-9	49
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110107.D
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Operator : JU/SJ
Sample : J5610-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

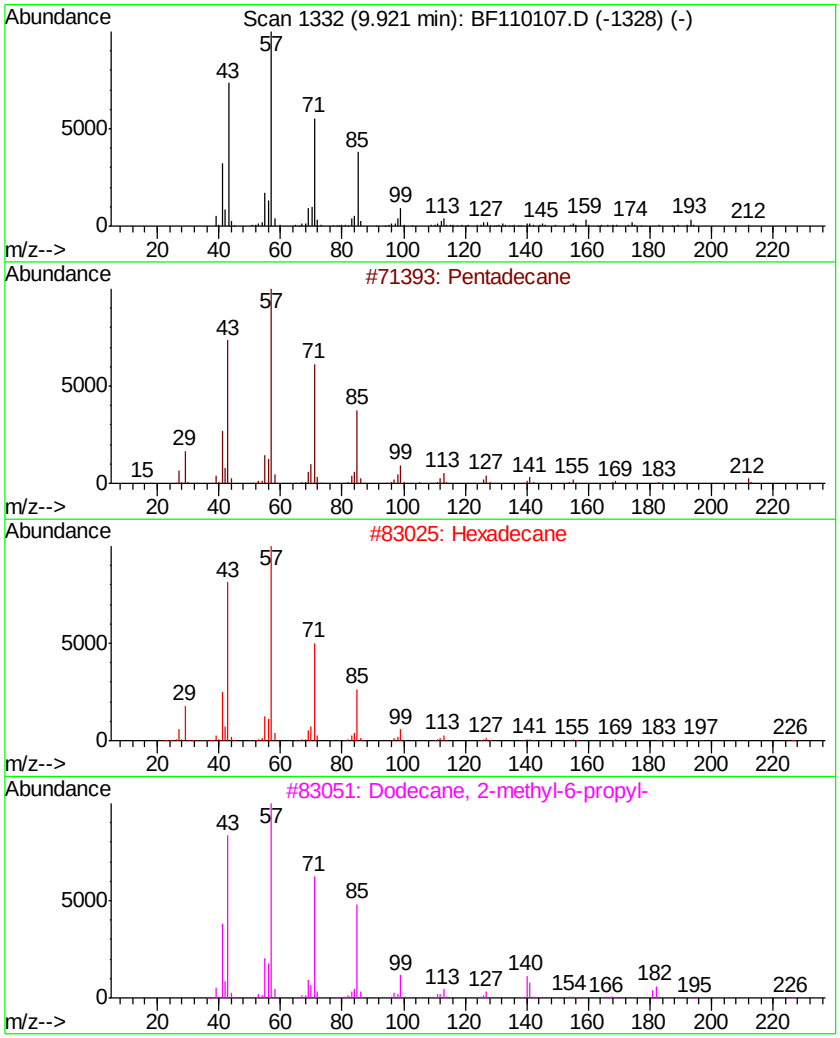
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

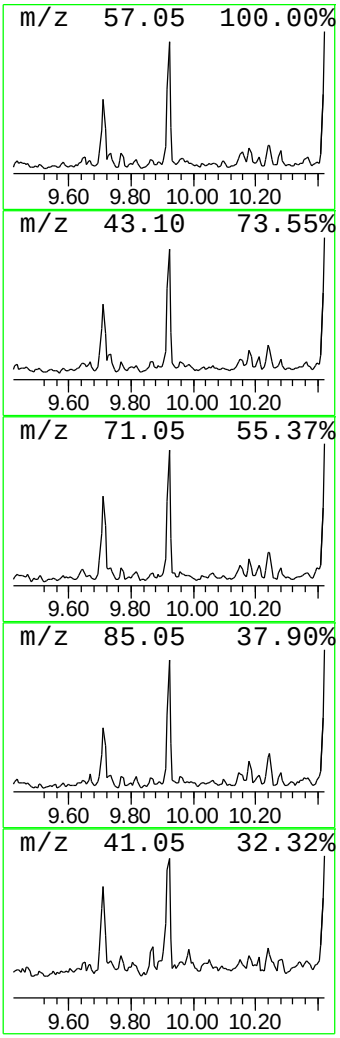
****

Peak Number 6 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	3.88 ng	300538	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110107.D
Acq On : 24 Oct 2018 11:41
Operator : JU/SJ
Sample : J5610-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

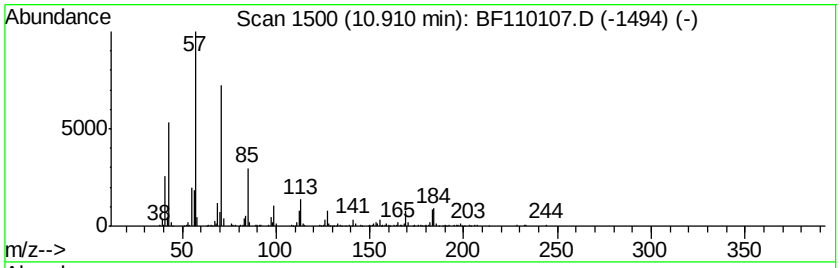
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

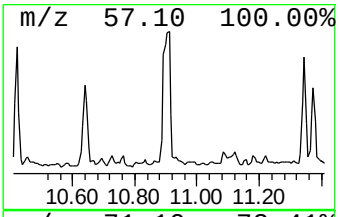
****

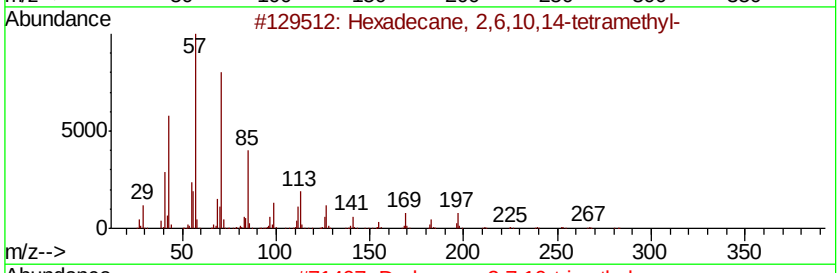
Peak Number 8 Hexadecane, 2,6,10,14-tetra... Concentration Rank 4

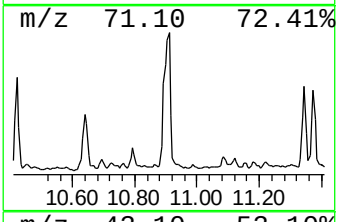
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	10.48 ng	686565	Phenanthrene-d10	11.50

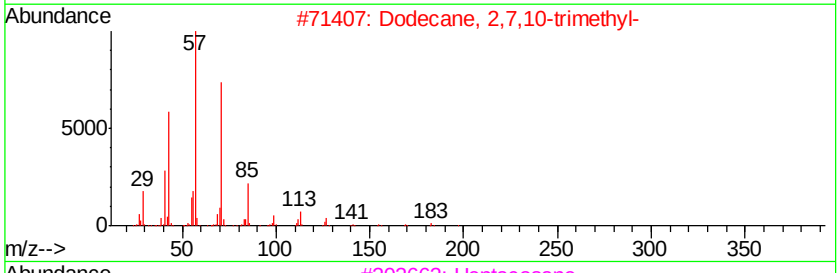
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3	Heptacosane	380	C27H56	000593-49-7	64
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	64
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	60

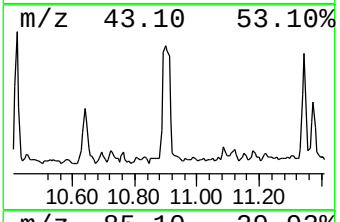


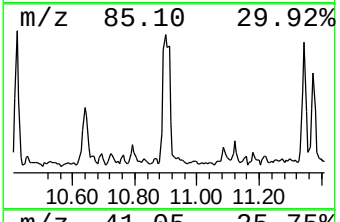


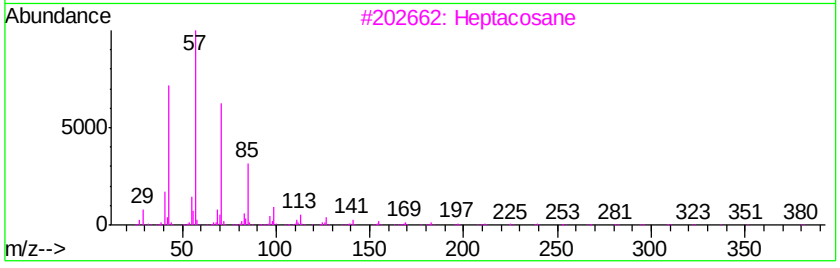


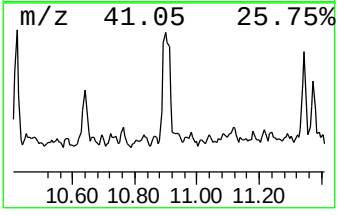












Library Search Compound Report

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Acq On : 24 Oct 2018 11:41
Operator : JU/SJ
Sample : J5610-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1(0-2)

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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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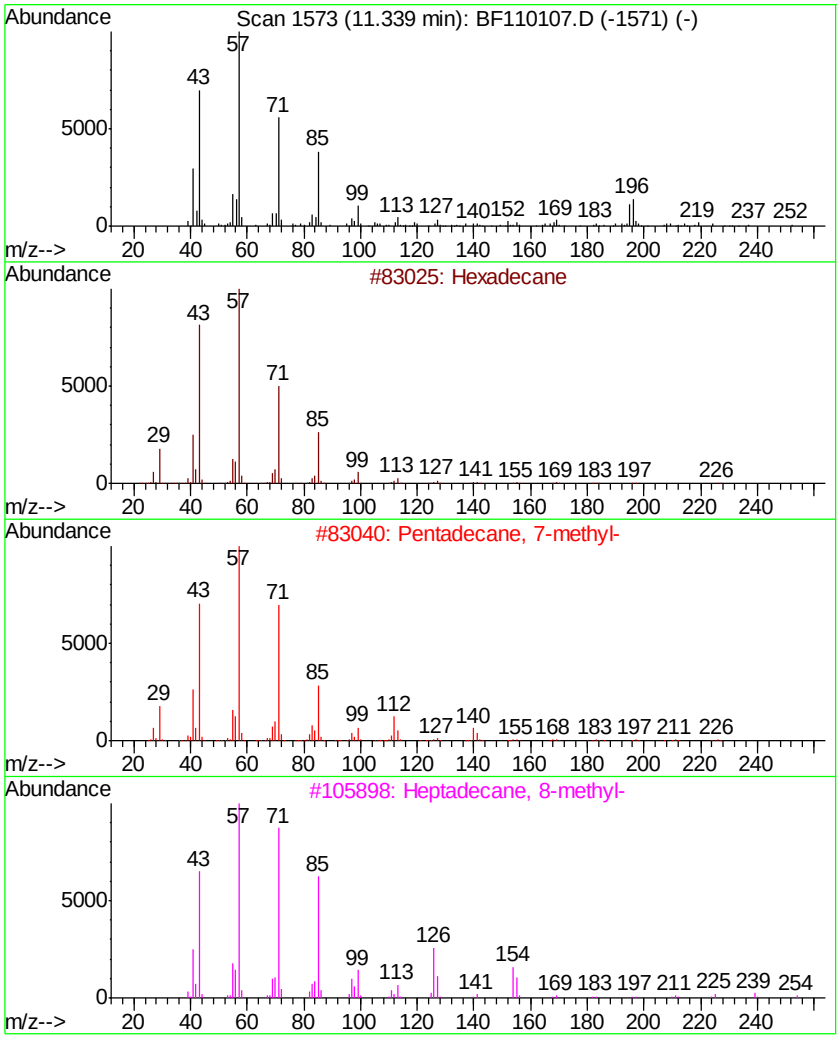
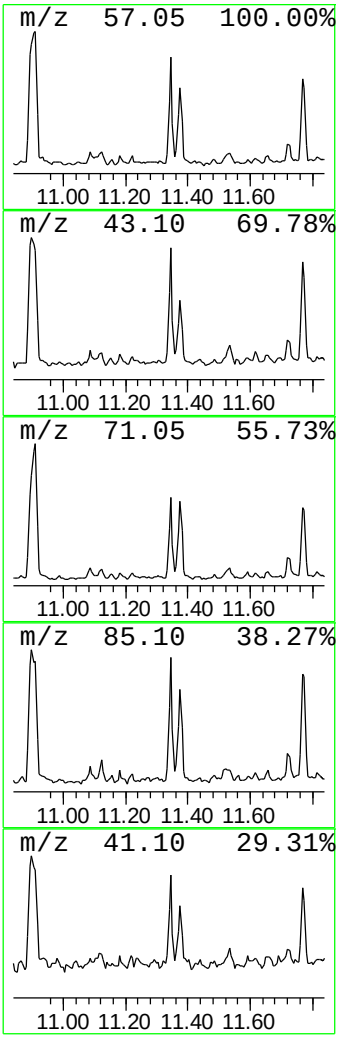
Peak Number 9 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	3.28 ng	214671	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	90
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	89
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Heptadecane	240	C17H36	000629-78-7	86





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Instrument : BNA_F
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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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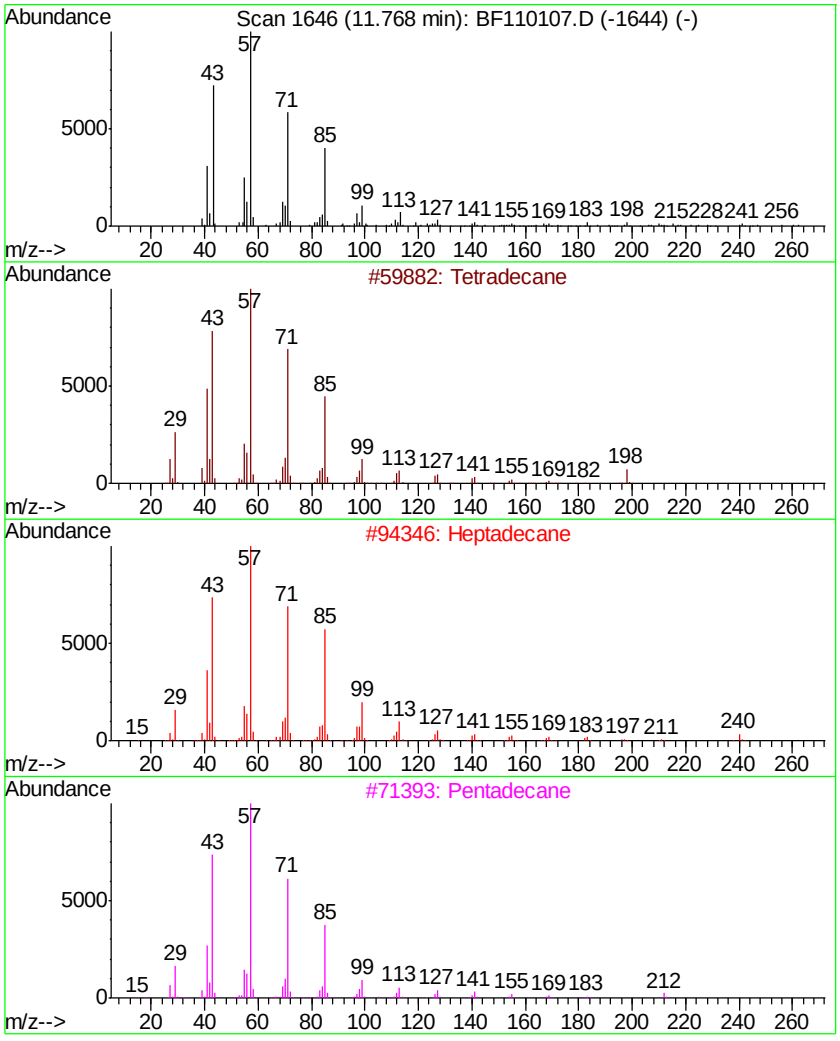
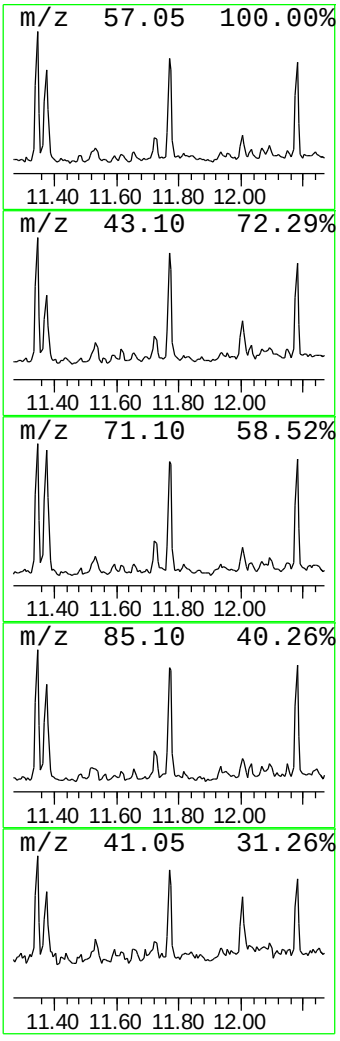
Peak Number 10 Tetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.89 ng	189243	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Heptadecane	240	C17H36	000629-78-7	94
3	Pentadecane	212	C15H32	000629-62-9	87
4	Tridecane	184	C13H28	000629-50-5	86
5	Docosane	310	C22H46	000629-97-0	86





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Sample : J5610-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1(0-2)

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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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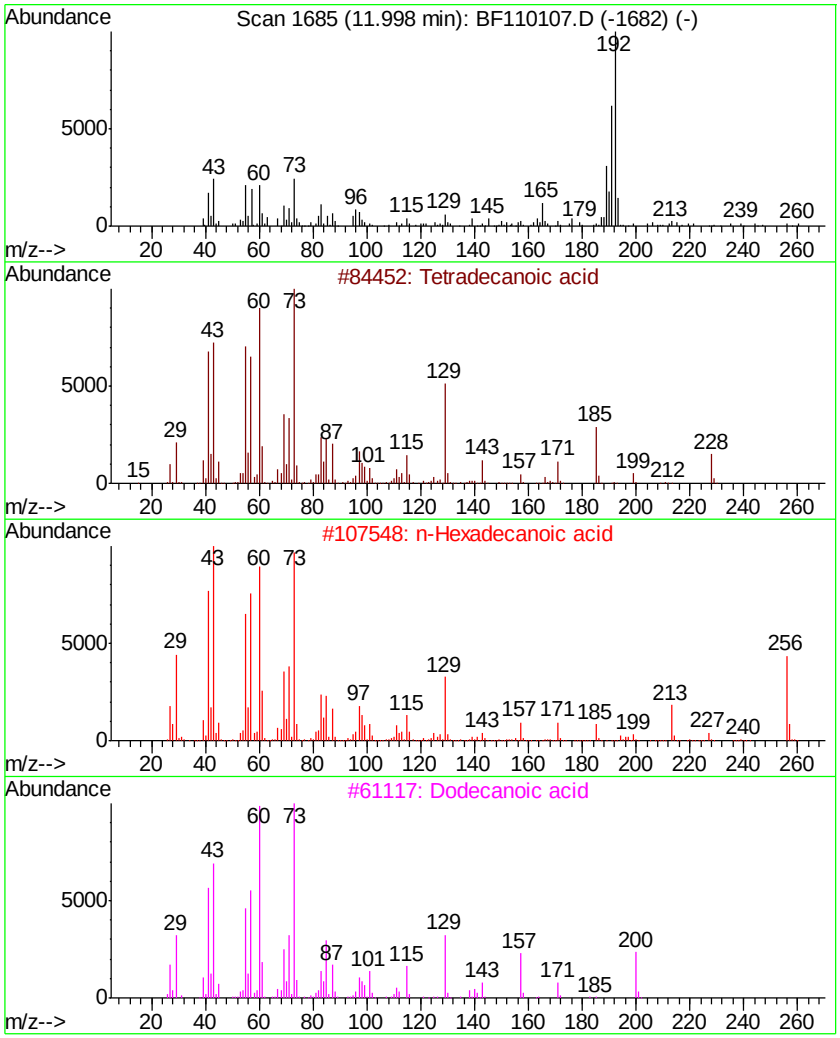
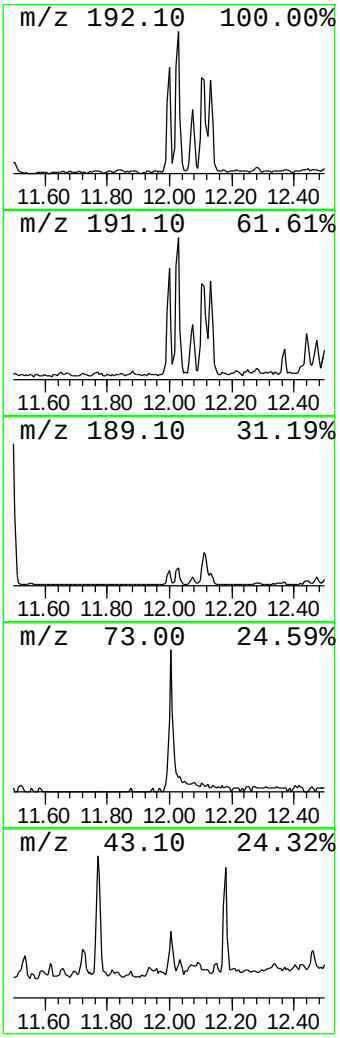
Peak Number 11 Tetradecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	3.39 ng	221986	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49
3	Dodecanoic acid	200	C12H24O2	000143-07-7	45
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	41
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	38





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ClientSampleId : SB-1(0-2)

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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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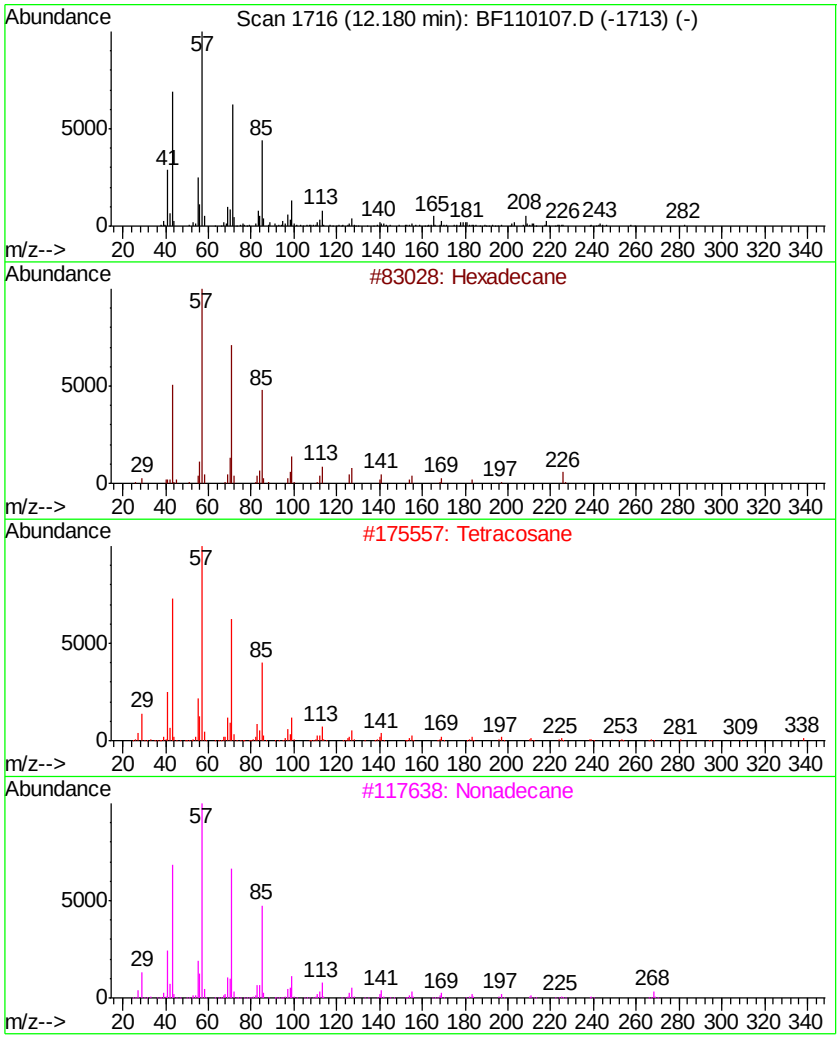
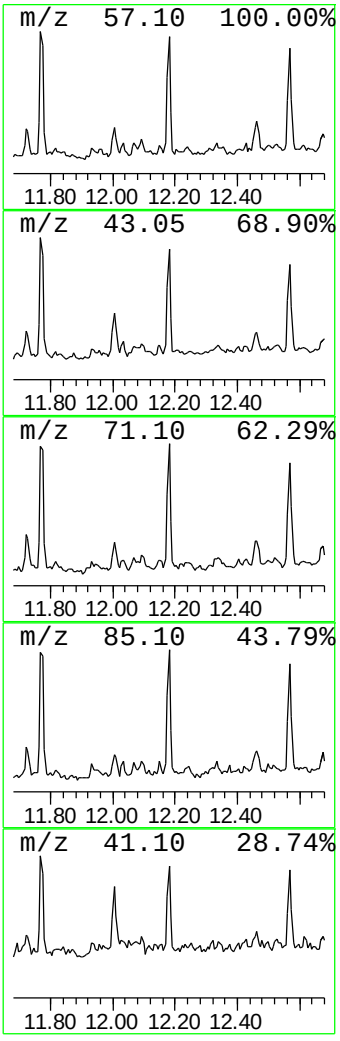
Peak Number 12 Nonadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	2.87 ng	188190	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tetracosane	338	C24H50	000646-31-1	87
3	Nonadecane	268	C19H40	000629-92-5	87
4	Heptadecane	240	C17H36	000629-78-7	86
5	Heptacosane	380	C27H56	000593-49-7	86





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Operator : JU/SJ
Sample : J5610-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId : SB-1(0-2)

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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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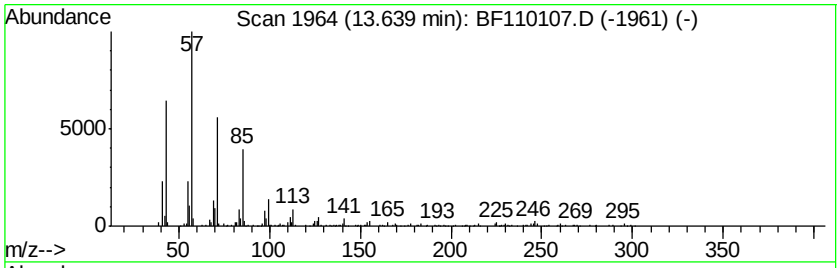
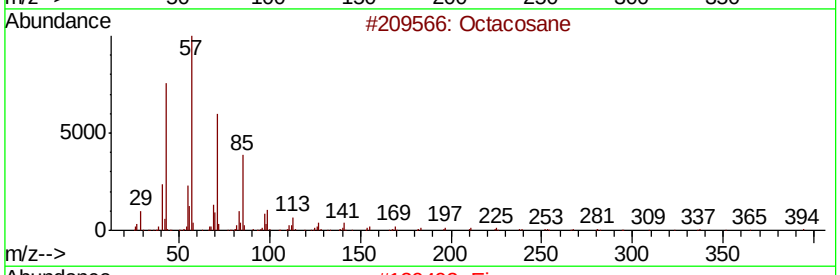
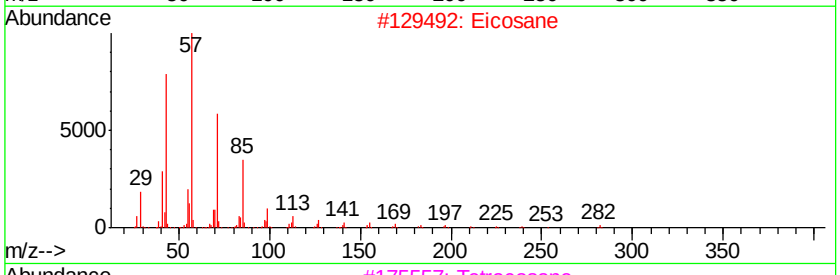
Peak Number 13 Octacosane Concentration Rank 20

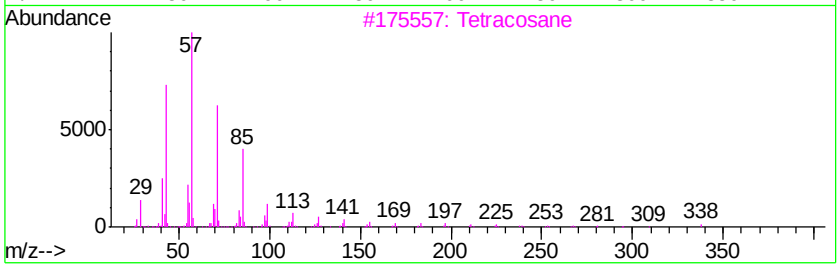
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	2.85 ng	202367	Chrysene-d12	14.14

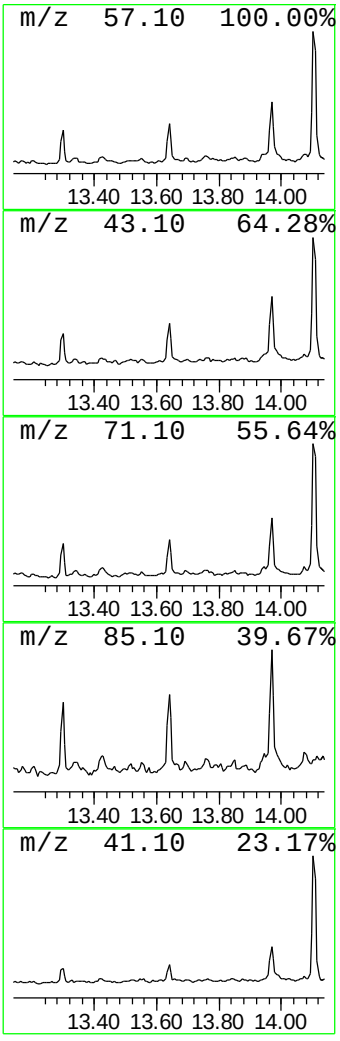
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Eicosane	282	C20H42	000112-95-8	83
3	Tetracosane	338	C24H50	000646-31-1	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80











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Operator : JU/SJ
Sample : J5610-01
Misc :
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Instrument : BNA_F
ClientSampleId : SB-1(0-2)

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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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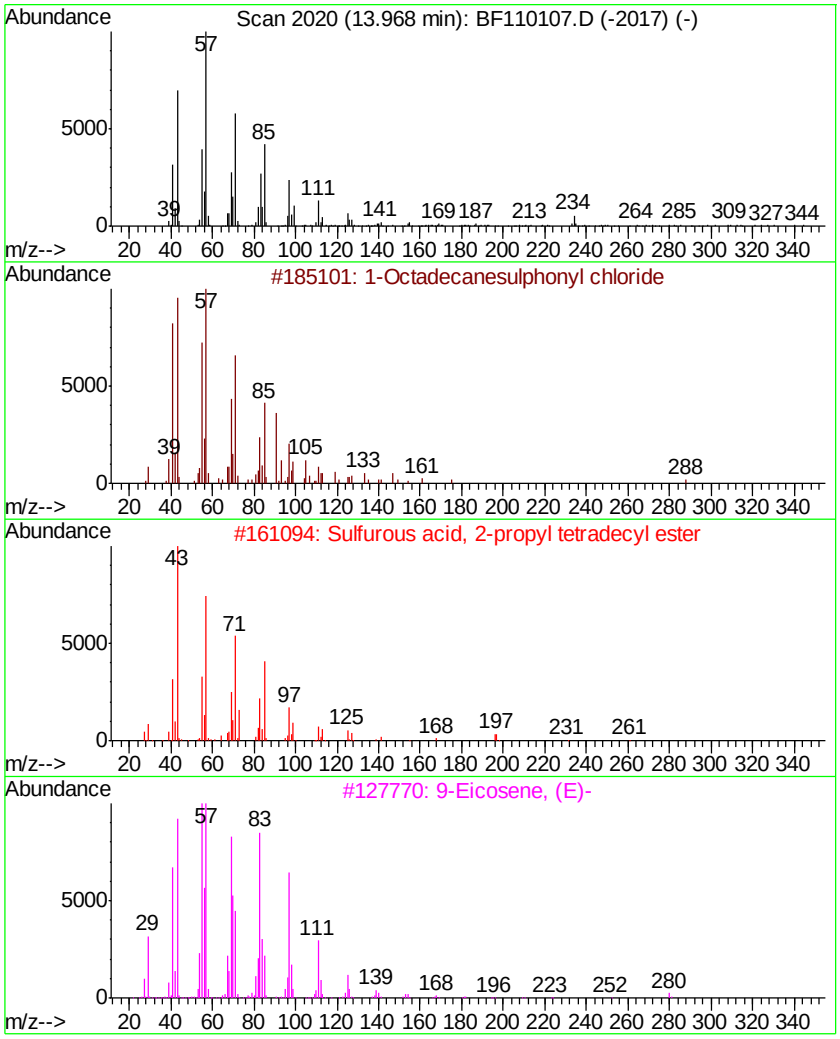
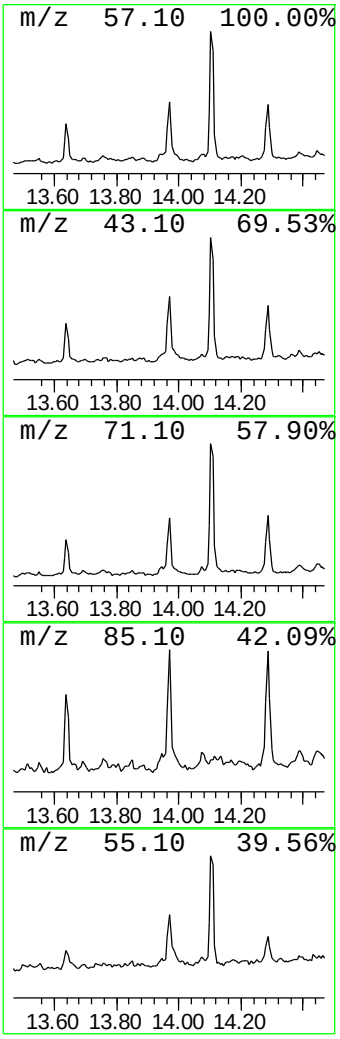
Peak Number 14 1-Octadecanesulphonyl chloride Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	7.33 ng	520517	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	91
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	84
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	76
5	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	52





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Operator : JU/SJ
Sample : J5610-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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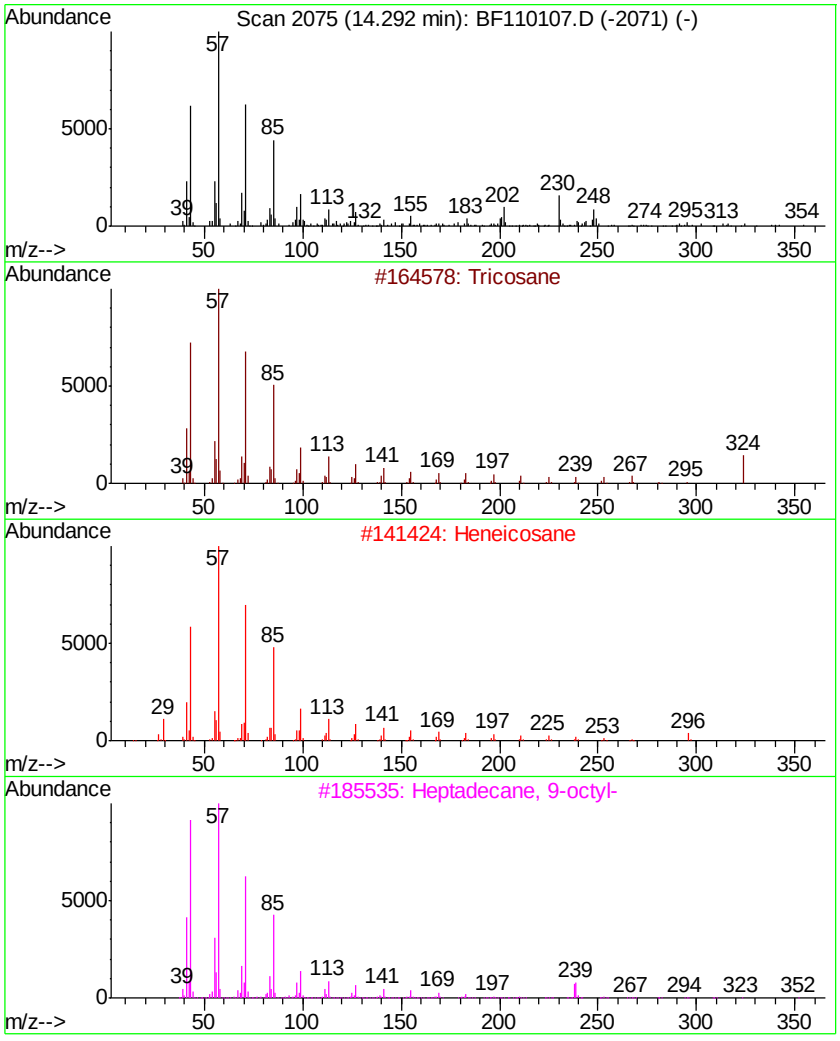
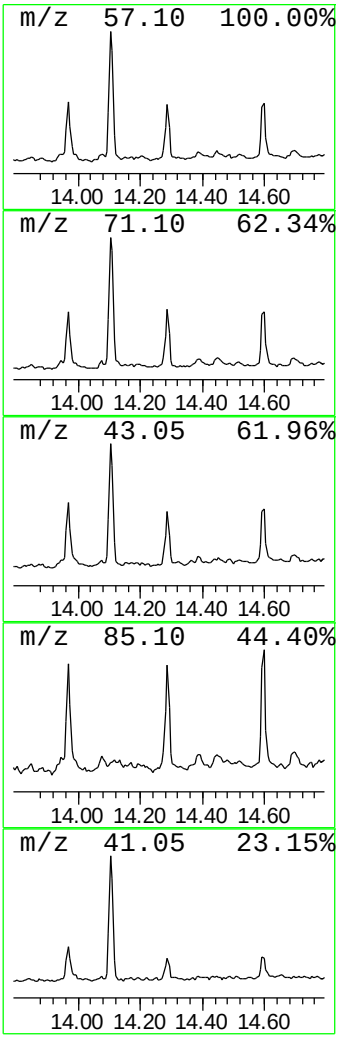
Peak Number 15 Heptadecane, 9-octyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	4.15 ng	294655	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	81
4	Heptacosane	380	C27H56	000593-49-7	81
5	Eicosane	282	C20H42	000112-95-8	74





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Acq On : 24 Oct 2018 11:41
Operator : JU/SJ
Sample : J5610-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1(0-2)

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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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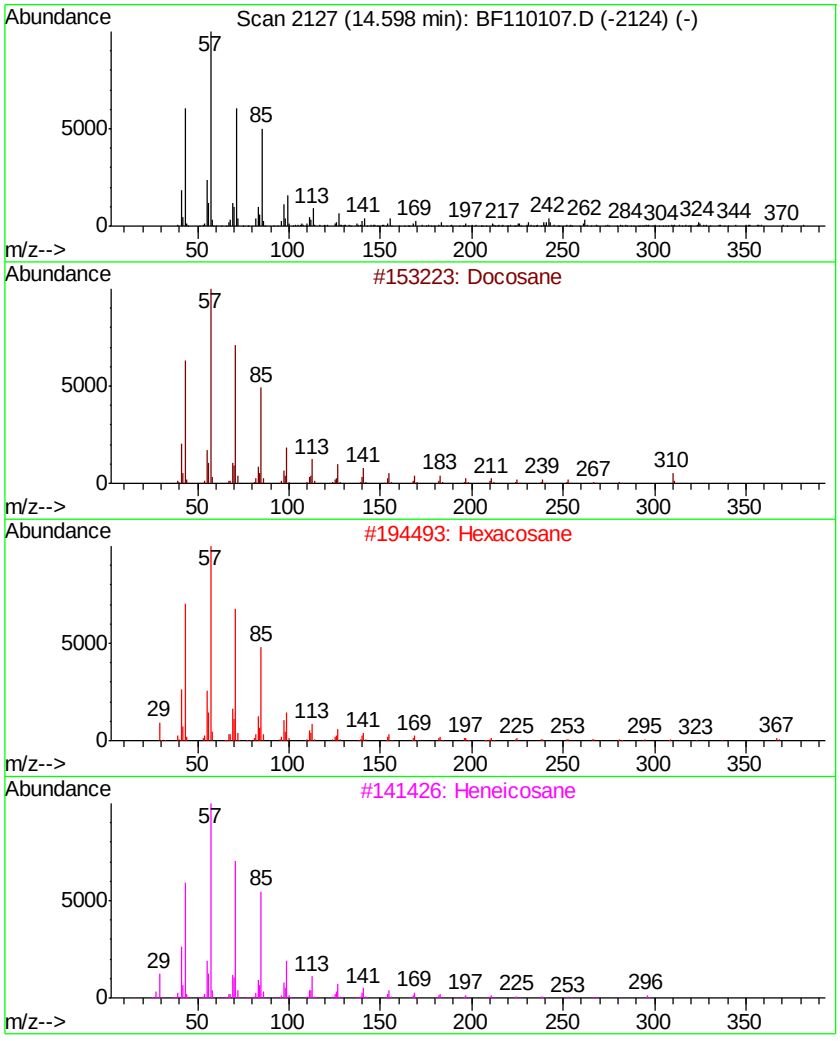
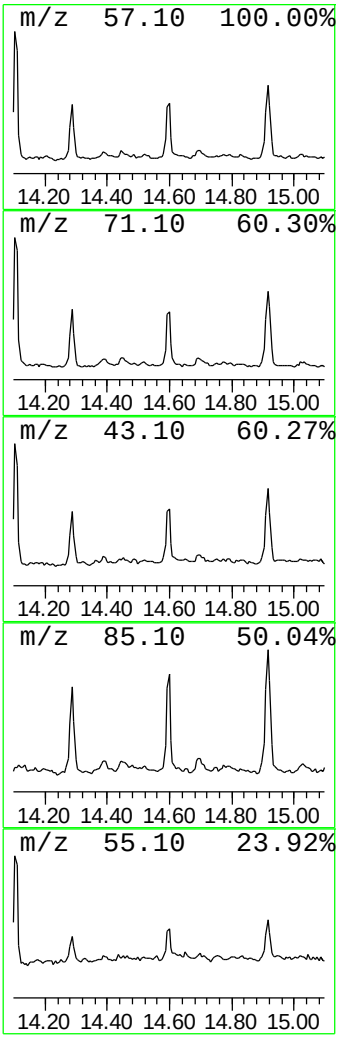
Peak Number 16 Docosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	4.49 ng	318838	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	95
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	83





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Operator : JU/SJ
Sample : J5610-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1(0-2)

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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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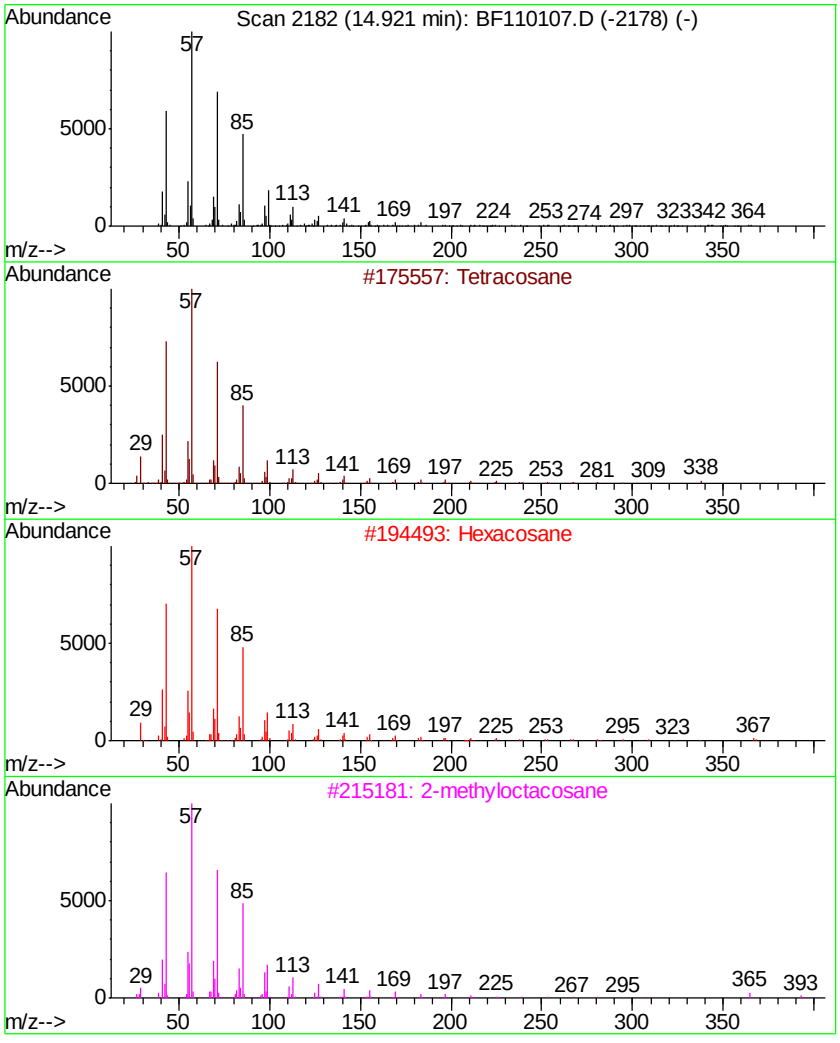
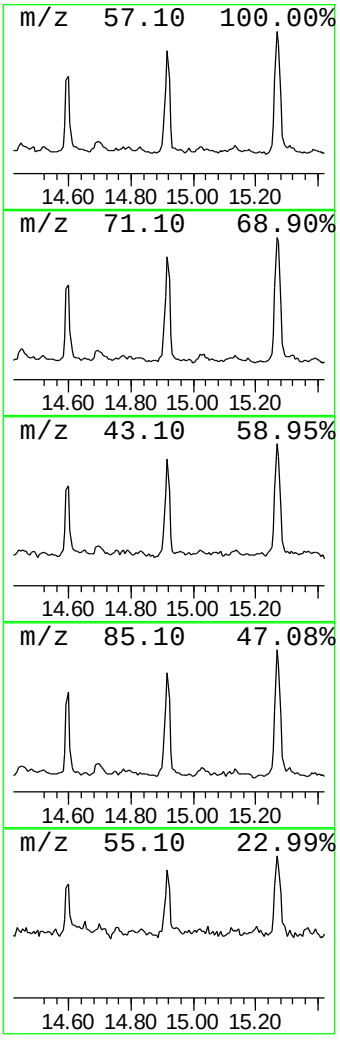
Peak Number 17 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	5.15 ng	399908	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Hexacosane	366	C26H54	000630-01-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Heneicosane	296	C21H44	000629-94-7	83
5	Hexadecane	226	C16H34	000544-76-3	83





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Acq On : 24 Oct 2018 11:41
Operator : JU/SJ
Sample : J5610-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1(0-2)

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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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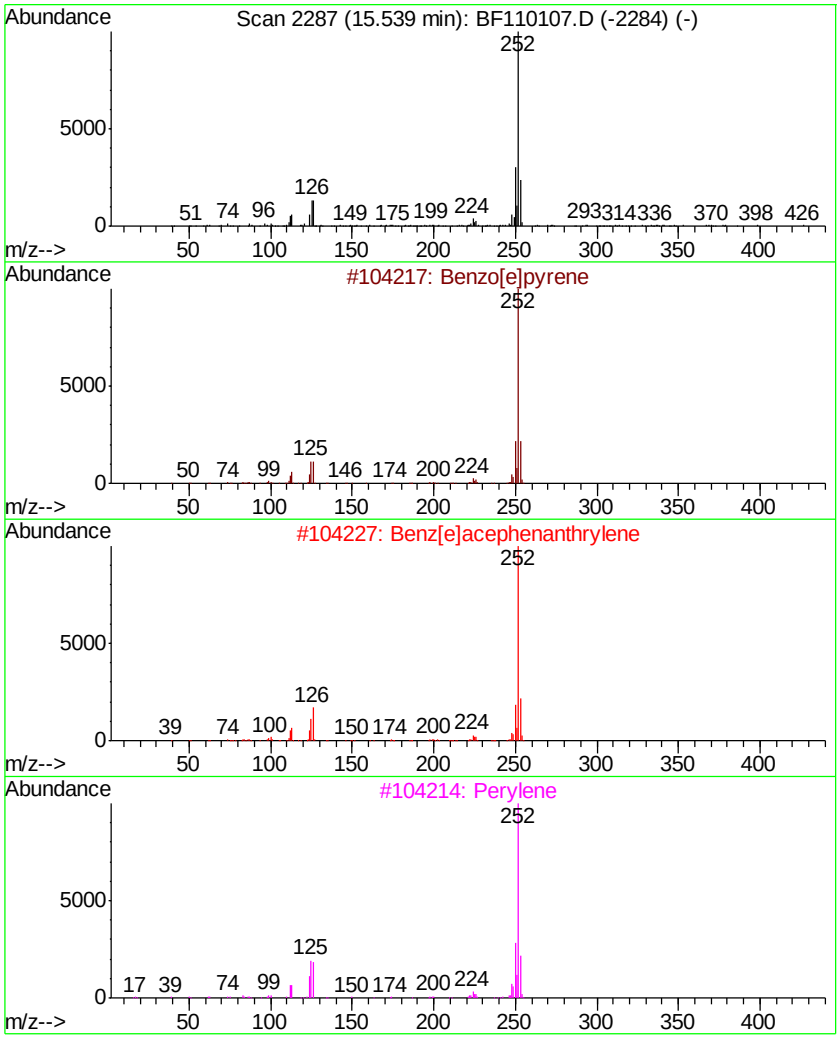
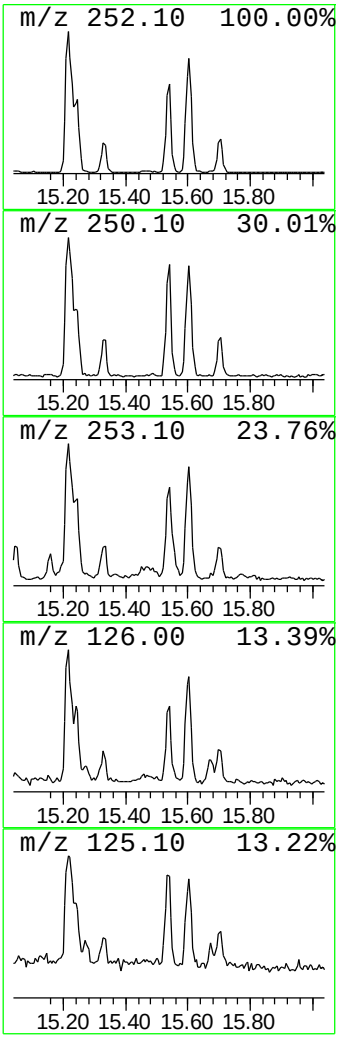
Peak Number 18 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	3.98 ng	308592	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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Acq On : 24 Oct 2018 11:41
Operator : JU/SJ
Sample : J5610-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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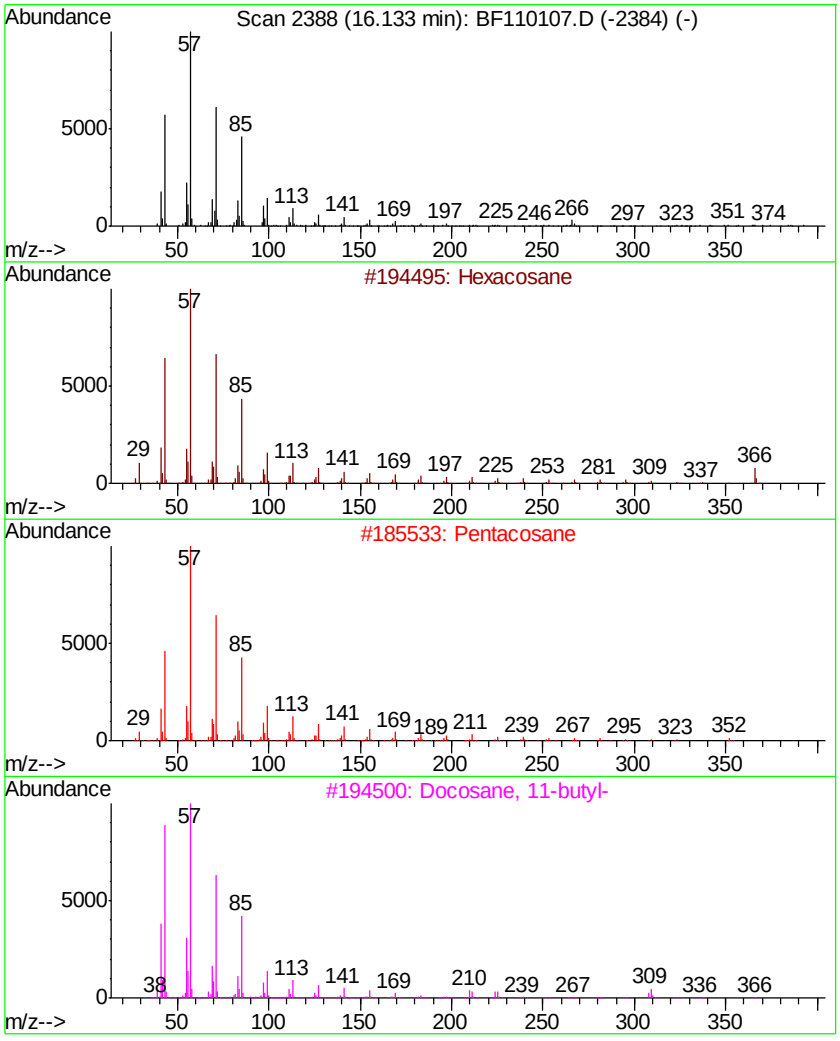
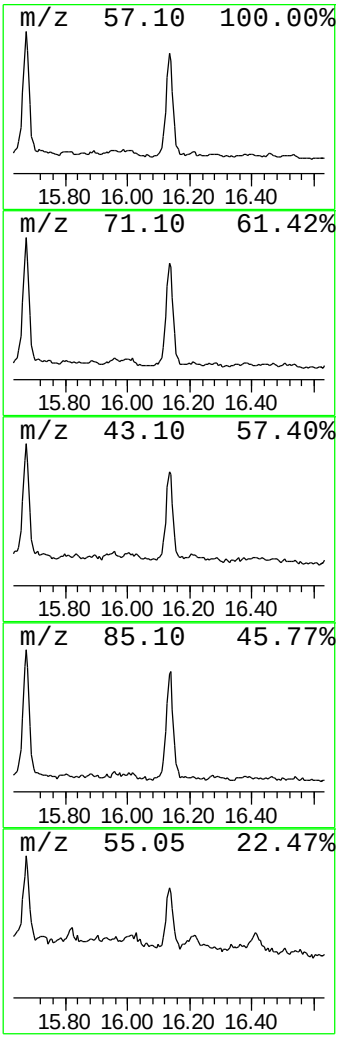
Peak Number 19 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	7.54 ng	585191	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Pentacosane	352	C25H52	000629-99-2	91
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heptacosane	380	C27H56	000593-49-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110107.D
Acq On : 24 Oct 2018 11:41
Operator : JU/SJ
Sample : J5610-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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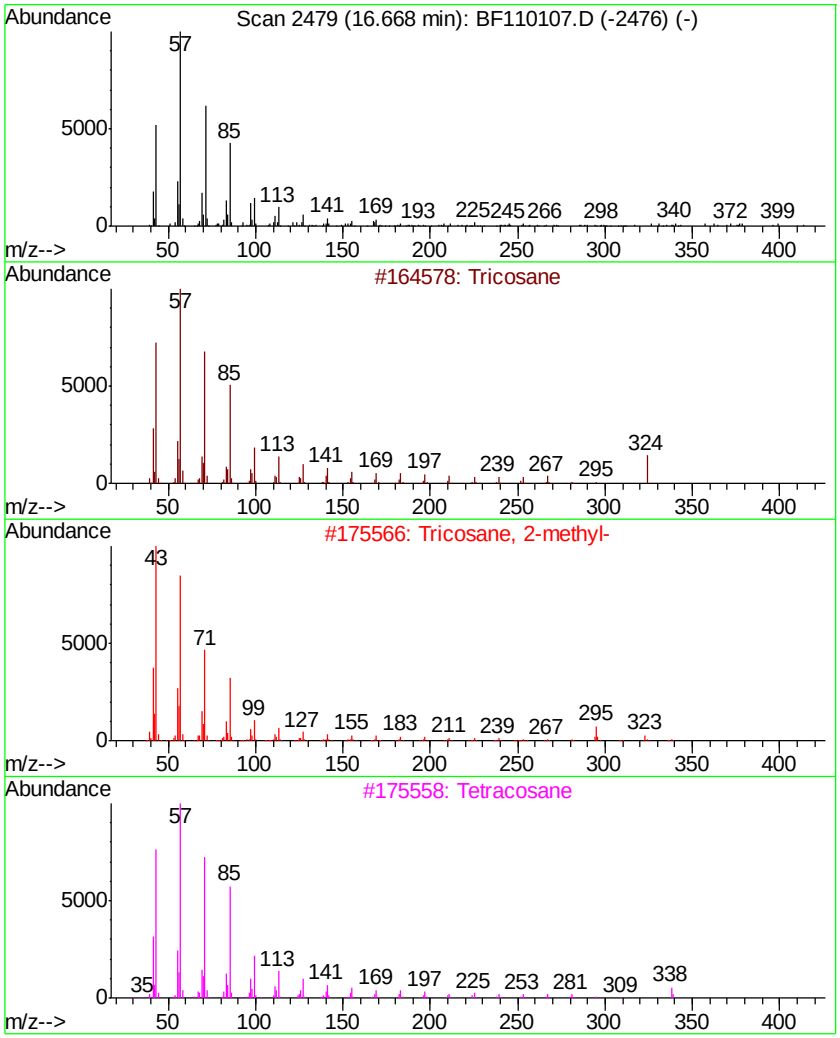
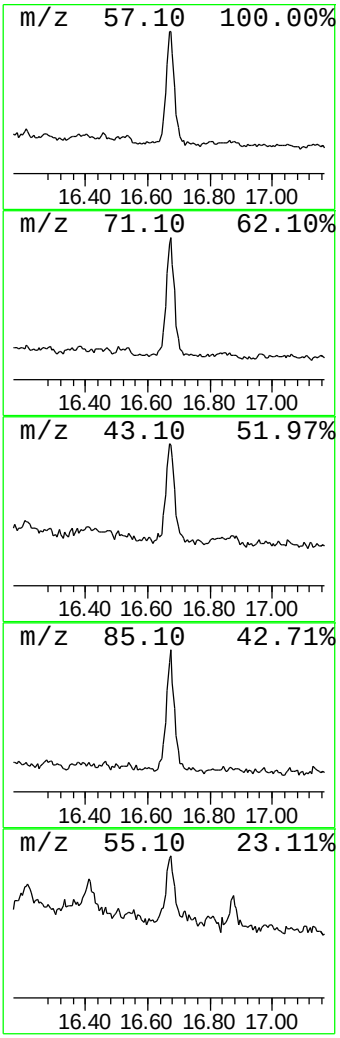
Peak Number 20 Tricosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	5.16 ng	400461	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	93
2	Tricosane, 2-methyl-	338	C24H50	001928-30-9	93
3	Tetracosane	338	C24H50	000646-31-1	93
4	Eicosane	282	C20H42	000112-95-8	93
5	Octacosane	394	C28H58	000630-02-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102418\
Data File : BF110107.D
Acq On : 24 Oct 2018 11:41
Operator : JU/SJ
Sample : J5610-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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
Butane, 2-methoxy...	2.32	10.8	ng	649841	1	6.96	1207700	20.0
2-Pentanone, 4-hy...	5.20	4.4	ng	268013	1	6.96	1207700	20.0
unknown6.73	6.73	65.0	ng	3924470	1	6.96	1207700	20.0
Dodecane	9.39	3.9	ng	297740	3	10.00	1547610	20.0
Pentadecane	9.92	3.9	ng	300538	3	10.00	1547610	20.0
Hexadecane, 2,6,1...	10.91	10.5	ng	686565	4	11.50	1309720	20.0
Hexadecane	11.34	3.3	ng	214671	4	11.50	1309720	20.0
Tetradecane	11.77	2.9	ng	189243	4	11.50	1309720	20.0
Tetradecanoic acid	12.00	3.4	ng	221986	4	11.50	1309720	20.0
Nonadecane	12.18	2.9	ng	188190	4	11.50	1309720	20.0
Octacosane	13.64	2.9	ng	202367	5	14.14	1421090	20.0
1-Octadecanesulph...	13.97	7.3	ng	520517	5	14.14	1421090	20.0
Heptadecane, 9-oc...	14.29	4.2	ng	294655	5	14.14	1421090	20.0
Docosane	14.60	4.5	ng	318838	5	14.14	1421090	20.0
Tetracosane	14.92	5.2	ng	399908	6	15.67	1552470	20.0
Benzo[e]pyrene	15.54	4.0	ng	308592	6	15.67	1552470	20.0
Hexacosane	16.13	7.5	ng	585191	6	15.67	1552470	20.0
Tricosane	16.67	5.2	ng	400461	6	15.67	1552470	20.0