LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
Data File : BM016265.D
Acq On : 09 Aug 2018 02:14
Operator : SJ/JU
Sample : J4247-02 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-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_M\METHODS\8270-BM072318.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	7.663	738	744	754	rVB2	56629	110930	1.20%	0.167%
2	8.134	819	824	835	rVB	168373	301151	3.26%	0.452%
3	8.457	873	879	885	rVB3	57556	96555	1.05%	0.145%
4	8.663	909	914	923	rVB4	41596	92934	1.01%	0.140%
5	9.210	996	1007	1016	rBV4	56583	179345	1.94%	0.269%
6	9.322	1016	1026	1031	rBV5	48551	133130	1.44%	0.200%
7	9.839	1109	1114	1123	rVB4	79436	160357	1.74%	0.241%
8	9.975	1128	1137	1143	rBV9	27820	93656	1.02%	0.141%
9	10.098	1152	1158	1163	rBV4	87473	149266	1.62%	0.224%
10	10.322	1191	1196	1207	rVB5	51902	127361	1.38%	0.191%
11	10.628	1241	1248	1253	rVB4	66600	122464	1.33%	0.184%
12	10.698	1255	1260	1267	rBV8	42731	93218	1.01%	0.140%
13	10.875	1284	1290	1295	rBV	237292	369444	4.00%	0.555%
14	10.945	1295	1302	1308	rBV	204681	403482	4.37%	0.606%
15	11.057	1315	1321	1326	rVB	269779	440529	4.77%	0.661%
16	11.116	1327	1331	1335	rBV2	60860	118282	1.28%	0.178%
17	11.398	1374	1379	1385	rVB3	133643	245788	2.66%	0.369%
18	11.733	1431	1436	1441	rBV4	102538	184254	2.00%	0.277%
19	11.816	1446	1450	1458	rVB2	146295	294888	3.20%	0.443%
20	11.916	1459	1467	1471	rBV	559814	853556	9.25%	1.281%
21	11.963	1471	1475	1479	rVV4	123919	213301	2.31%	0.320%
22	12.004	1479	1482	1489	rVB5	74577	141989	1.54%	0.213%
23	12.104	1495	1499	1506	rVB4	87843	146764	1.59%	0.220%
24	12.186	1507	1513	1517	rBV2	167404	301708	3.27%	0.453%
25	12.316	1530	1535	1542	rBV	897079	1215543	13.17%	1.825%
26	12.445	1555	1557	1564	rVV3	70104	104448	1.13%	0.157%
27	12.527	1565	1571	1578	rVB3	177923	423767	4.59%	0.636%
28	12.716	1600	1603	1606	rBV2	68736	98530	1.07%	0.148%
29	12.945	1637	1642	1646	rBV3	222287	387247	4.20%	0.581%
30	13.051	1657	1660	1664	rVB	160666	200157	2.17%	0.300%
31	13.122	1666	1672	1678	rVV	247442	435033	4.72%	0.653%
32	13.210	1680	1687	1691	rVB2	200045	404405	4.38%	0.607%
33	13.263	1691	1696	1702	rBV	915675	1238718	13.43%	1.860%
34	13.557	1735	1746	1754	rBV	2449935	4041232	43.80%	6.067%

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Instrument : BNA_M
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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.639	1756	1760	1765	rVV4	126480	226799	2.46%	0.340%
36	13.792	1783	1786	1791	rVB3	95476	133485	1.45%	0.200%
37	13.945	1808	1812	1816	rBV3	117288	191440	2.07%	0.287%
38	14.069	1830	1833	1838	rBV4	156112	248790	2.70%	0.373%
39	14.121	1839	1842	1845	rVB2	205910	241642	2.62%	0.363%
40	14.169	1845	1850	1852	rBV2	438428	691996	7.50%	1.039%
41	14.204	1853	1856	1861	rVV	1388773	1911672	20.72%	2.870%
42	14.251	1861	1864	1871	rVB	347213	606789	6.58%	0.911%
43	14.327	1873	1877	1882	rVB	255522	333043	3.61%	0.500%
44	14.380	1883	1886	1889	rBV3	105059	133280	1.44%	0.200%
45	14.486	1899	1904	1909	rBV5	236463	524054	5.68%	0.787%
46	14.574	1914	1919	1923	rVB2	440848	608623	6.60%	0.914%
47	14.627	1923	1928	1935	rBV	3595500	4322322	46.85%	6.489%
48	14.698	1936	1940	1945	rBV4	268623	605739	6.57%	0.909%
49	14.769	1950	1952	1958	rVV2	260164	394883	4.28%	0.593%
50	14.821	1959	1961	1966	rVB4	127327	176319	1.91%	0.265%
51	14.963	1982	1985	1990	rVB3	130121	177587	1.92%	0.267%
52	15.063	1999	2002	2008	rVB3	210627	390735	4.23%	0.587%
53	15.121	2008	2012	2016	rVV	358150	477503	5.18%	0.717%
54	15.174	2018	2021	2026	rVB	265034	345324	3.74%	0.518%
55	15.233	2027	2031	2039	rVV2	592318	1146981	12.43%	1.722%
56	15.304	2040	2043	2048	rVB	286690	377618	4.09%	0.567%
57	15.533	2078	2082	2084	rBV2	167894	258541	2.80%	0.388%
58	15.574	2084	2089	2093	rVV	4256868	4737549	51.35%	7.112%
59	15.621	2094	2097	2102	rVB2	234890	377289	4.09%	0.566%
60	15.974	2149	2157	2161	rBV	1455493	2512406	27.23%	3.772%
61	16.010	2161	2163	2168	rVB4	175962	202320	2.19%	0.304%
62	16.068	2169	2173	2178	rVB	243795	327604	3.55%	0.492%
63	16.121	2179	2182	2185	rBV	290804	396961	4.30%	0.596%
64	16.192	2190	2194	2200	rVB	418826	577026	6.25%	0.866%
65	16.433	2230	2235	2244	rBV2	4442973	9226391	100.00%	13.851%
66	16.762	2288	2291	2295	rBV	209572	312337	3.39%	0.469%
67	16.827	2299	2302	2305	rVB2	275076	346349	3.75%	0.520%
68	16.880	2309	2311	2315	rVB	164653	200961	2.18%	0.302%
69	16.933	2316	2320	2325	rVB	279699	371476	4.03%	0.558%
70	16.998	2327	2331	2335	rBV2	206453	302411	3.28%	0.454%
71	17.215	2364	2368	2372	rBV	3148938	3673929	39.82%	5.515%

LSC Area Percent Report

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72	17.262	2372	2376	2381	rVB	1349942	1799910	19.51%	2.702%
73	17.509	2414	2418	2428	rVB3	393544	735572	7.97%	1.104%
74	17.639	2437	2440	2444	rBV3	119851	154428	1.67%	0.232%
75	17.680	2444	2447	2454	rVB2	227109	352601	3.82%	0.529%
76	17.751	2455	2459	2464	rBV2	201037	339753	3.68%	0.510%
77	17.862	2475	2478	2484	rVV	241169	322344	3.49%	0.484%
78	17.951	2488	2493	2502	rVB	2896563	3271664	35.46%	4.912%
79	18.386	2564	2567	2573	rVB	139832	177759	1.93%	0.267%
80	18.633	2604	2609	2614	rVB	2116192	2289382	24.81%	3.437%
81	19.086	2682	2686	2691	rVB	169342	265501	2.88%	0.399%
82	19.256	2711	2715	2721	rVB	1460809	1543748	16.73%	2.318%
83	19.674	2783	2786	2792	rVB5	65410	97068	1.05%	0.146%
84	19.827	2808	2812	2817	rVB	881844	957779	10.38%	1.438%
85	20.086	2852	2856	2860	rVB	169326	225749	2.45%	0.339%
86	20.350	2897	2901	2906	rBV	508780	586725	6.36%	0.881%
87	20.839	2981	2984	2988	rVB	231107	252417	2.74%	0.379%
88	21.297	3059	3062	3069	rVB	126627	129388	1.40%	0.194%
89	21.633	3114	3119	3128	rVB	412048	517931	5.61%	0.778%
90	23.974	3511	3517	3529	rVB	262448	578133	6.27%	0.868%

Sum of corrected areas: 66611458

LSC Report - Integrated Chromatogram

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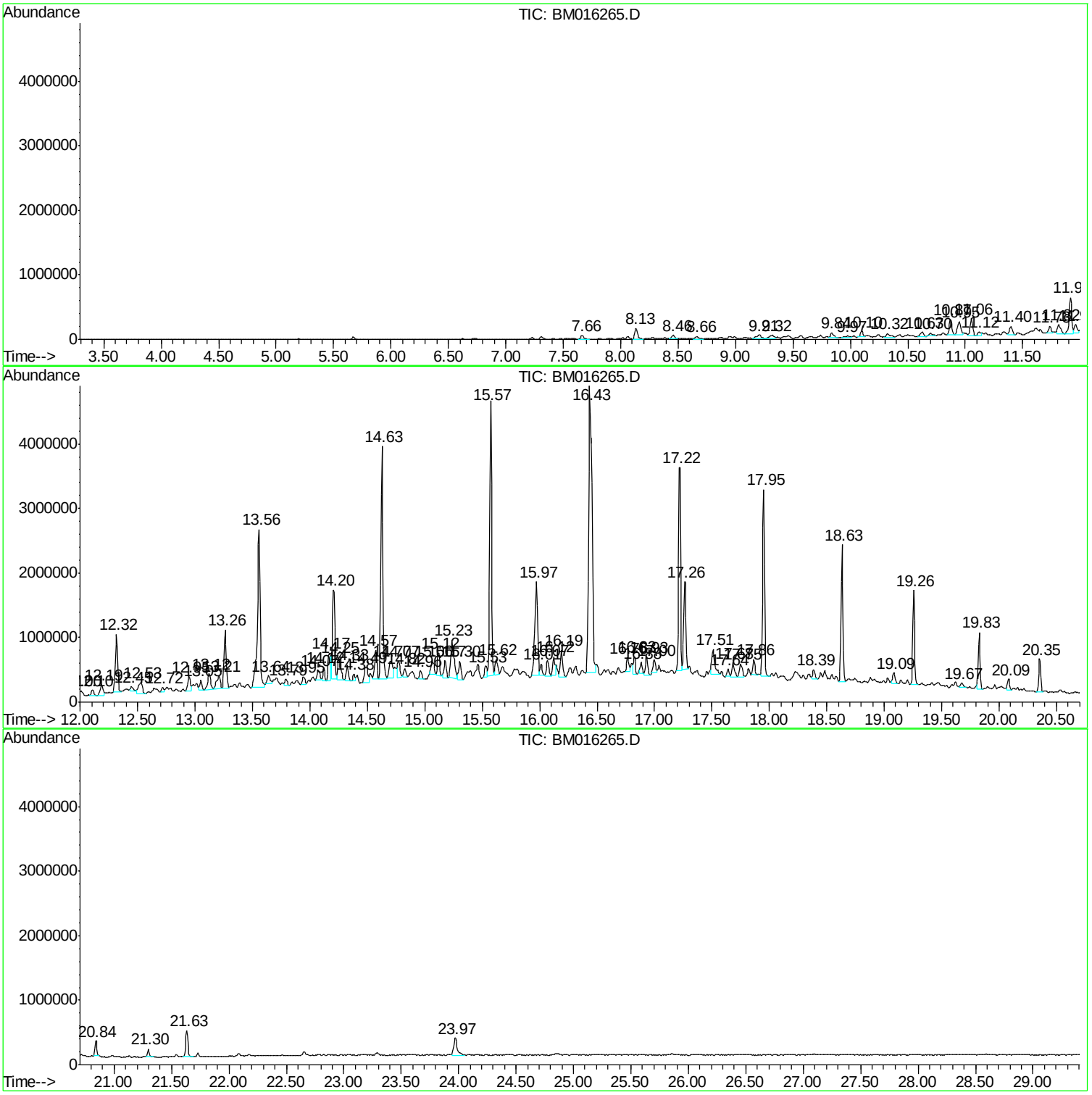
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

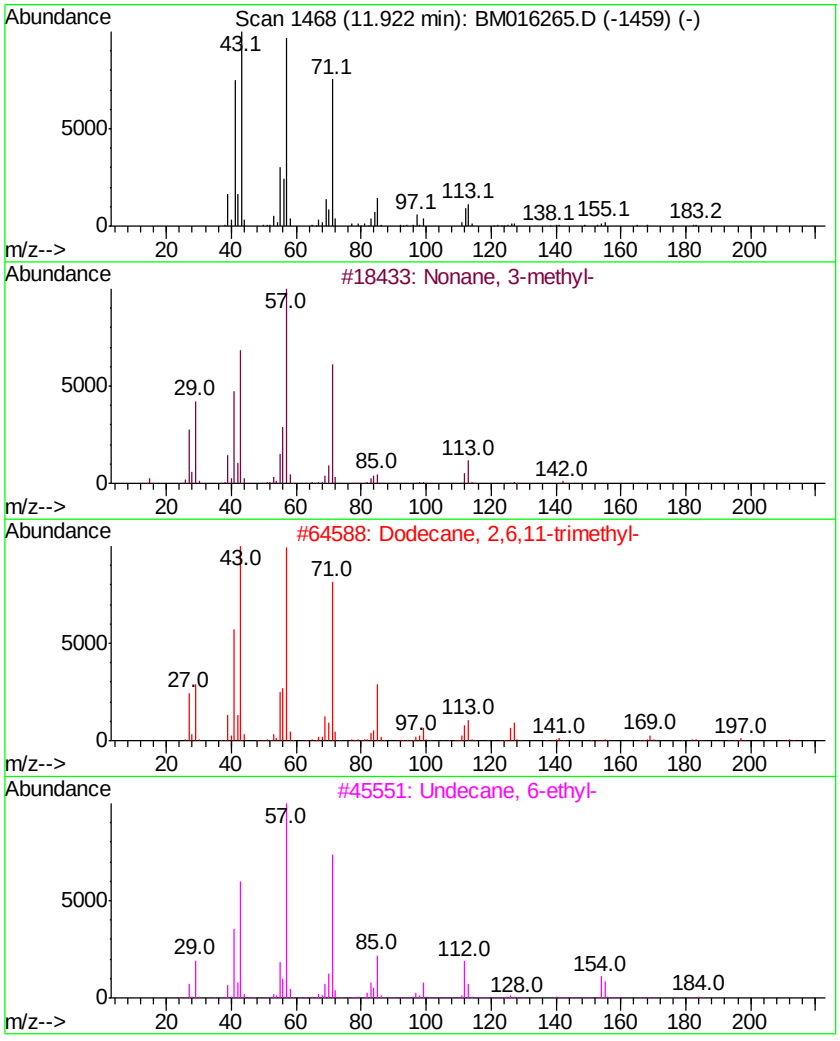
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

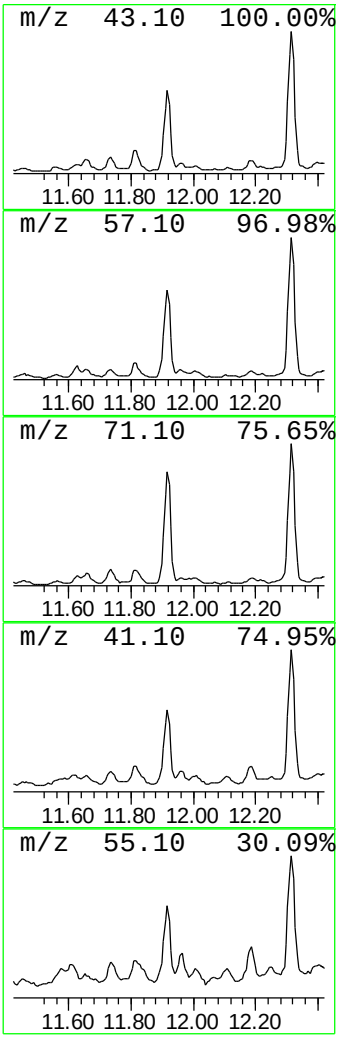
****

Peak Number 1 Nonane, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	42.31 ng	853556	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	64
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	59
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	53





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : S-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

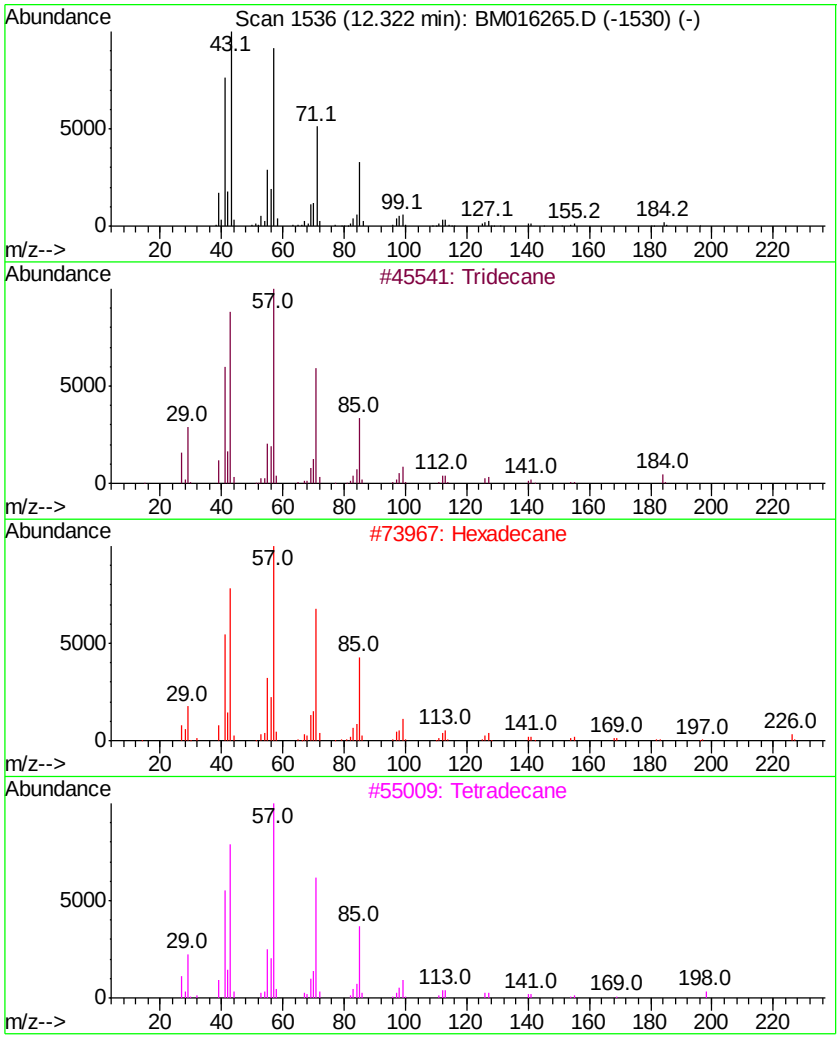
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

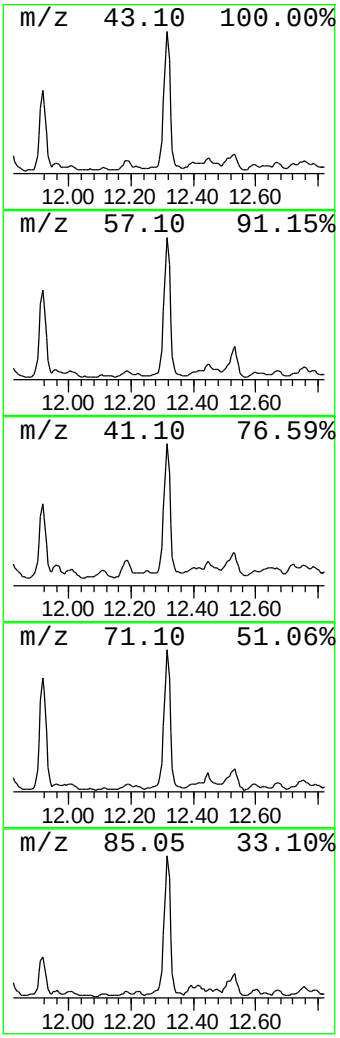
****

Peak Number 2 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	60.25 ng	1215540	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Hexadecane	226	C16H34	000544-76-3	83
3	Tetradecane	198	C14H30	000629-59-4	78
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	74
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72





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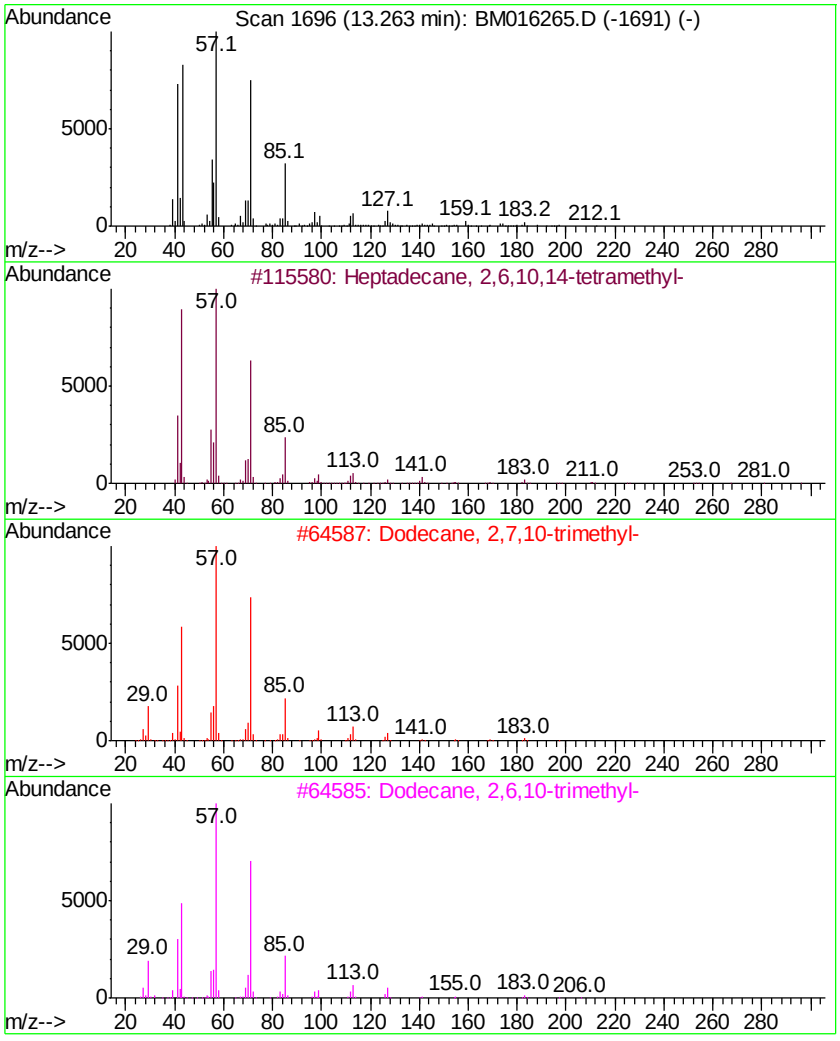
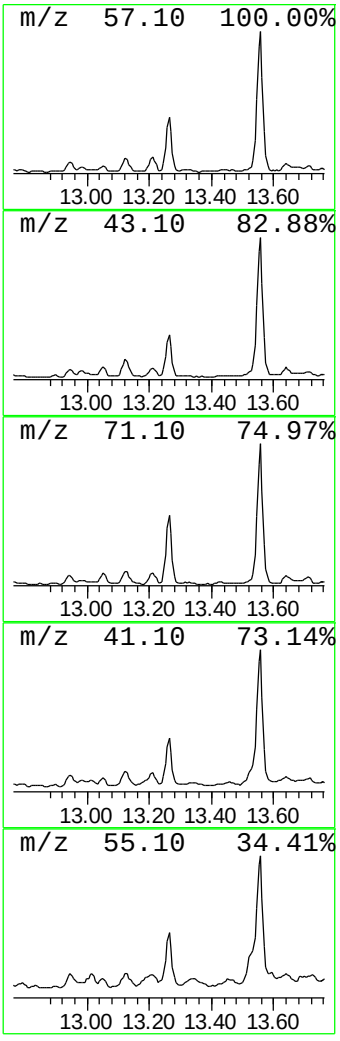
Peak Number 3 Heptadecane, 2,6,10,14-tetr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	62.74 ng	1238720	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	91
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
5	Hexadecane	226	C16H34	000544-76-3	78





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TIC Library : C:\DATABASE\NIST02.L
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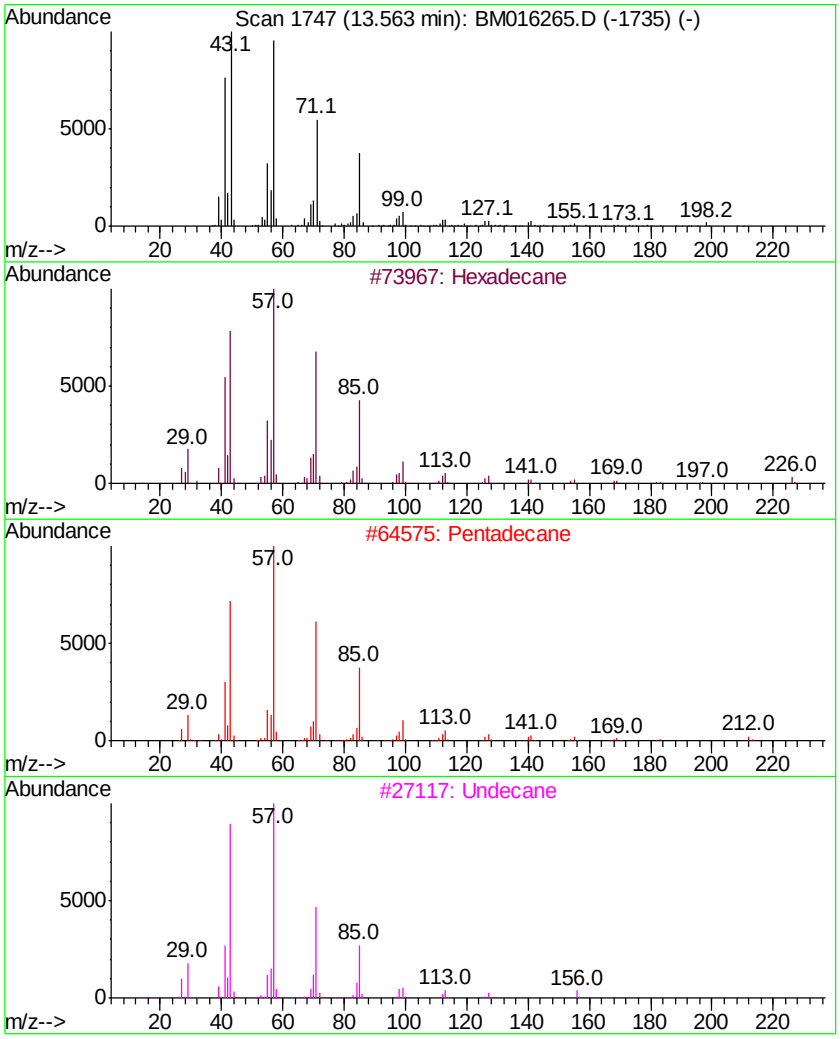
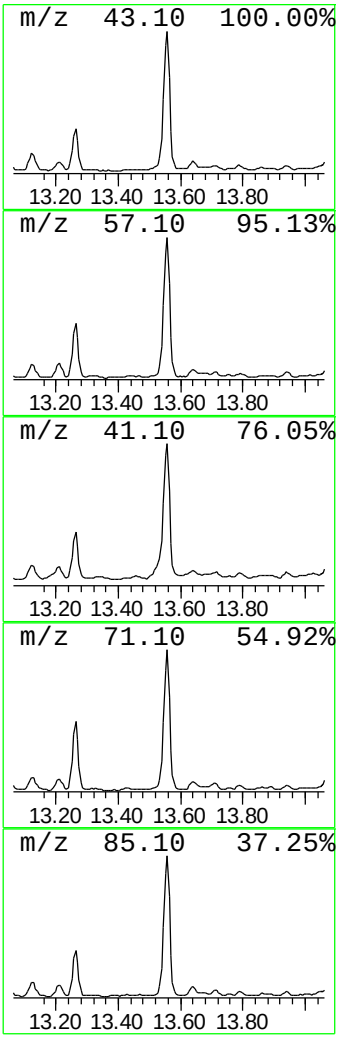
Peak Number 4 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	204.68 ng	4041230	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Pentadecane	212	C15H32	000629-62-9	80
3	Undecane	156	C11H24	001120-21-4	80
4	Tridecane	184	C13H28	000629-50-5	80
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	80





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Instrument : BNA_M
ClientSampleId : S-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

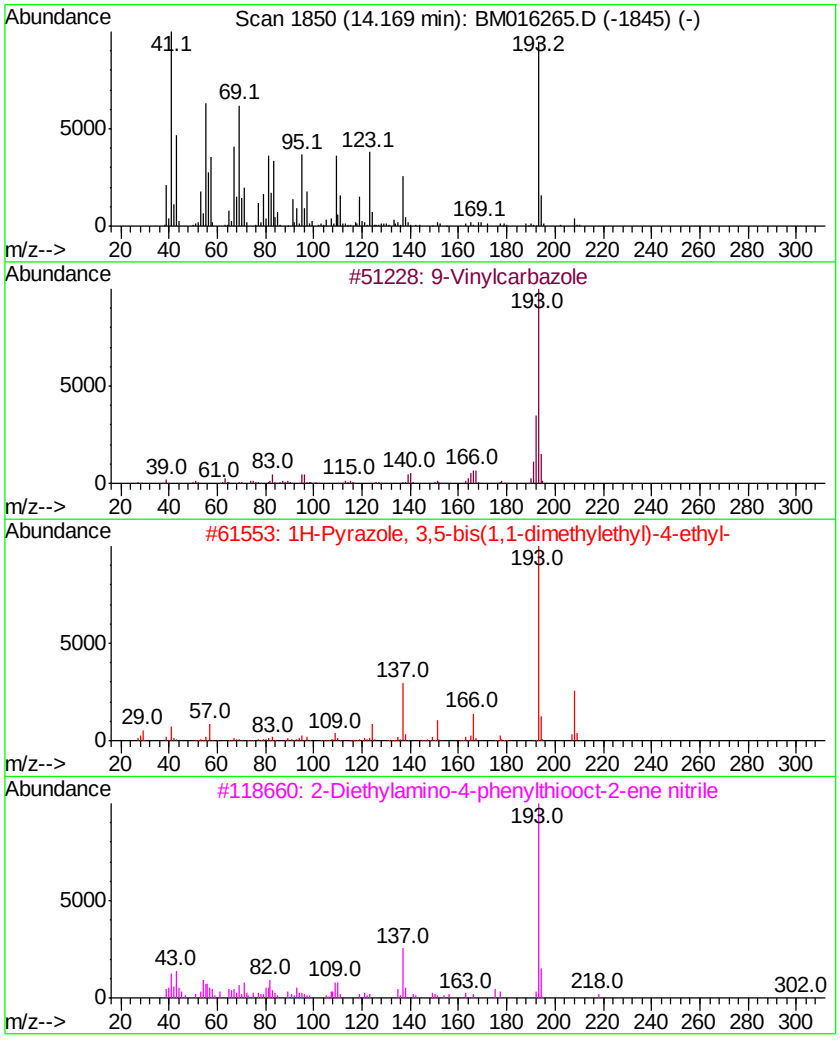
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

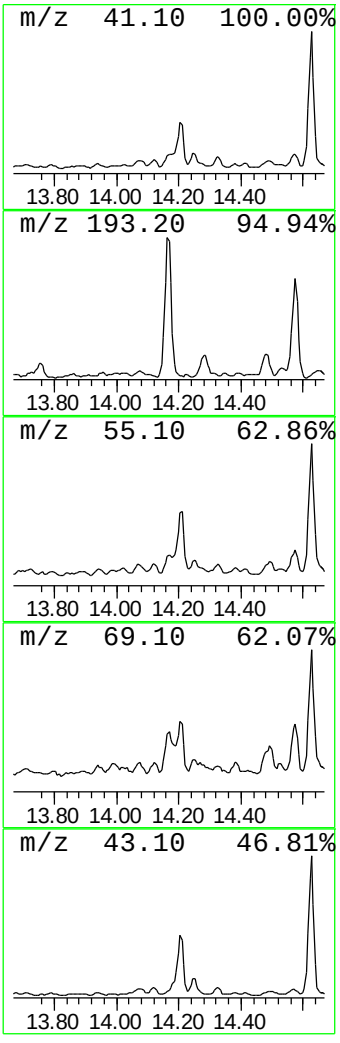
****

Peak Number 5 unknown14.17 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	35.05 ng	691996	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Vinylcarbazole	193	C14H11N	001484-13-5	38
2	1H-Pyrazole, 3,5-bis(1,1-dimethy...	208	C13H24N2	125281-21-2	35
3	2-Diethylamino-4-phenylthiooct-2...	302	C18H26N2S	1000090-57-0	35
4	2(1H)-Benzocyclooctenone, decahy...	194	C13H22O	055103-68-9	35
5	Iminostilbene	193	C14H11N	000256-96-2	27





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Instrument : BNA_M
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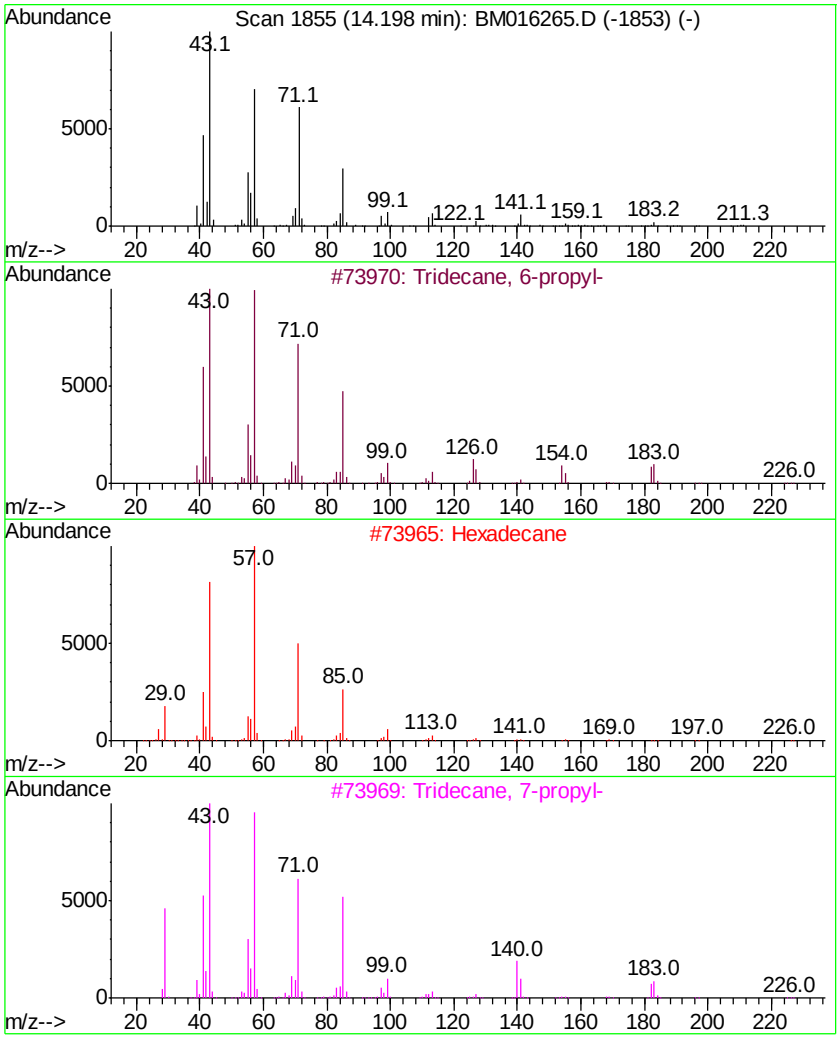
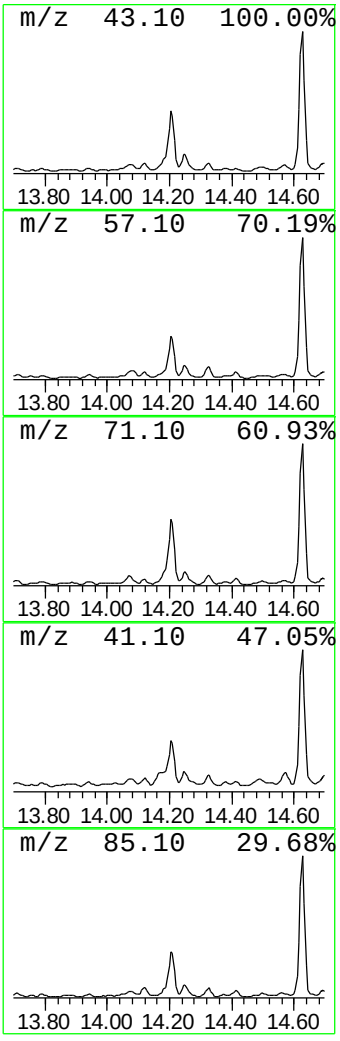
Peak Number 6 Tridecane, 6-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	96.82 ng	1911670	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
4	Tetradecane	198	C14H30	000629-59-4	80
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	80





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Acq On : 09 Aug 2018 02:14
Operator : SJ/JU
Sample : J4247-02 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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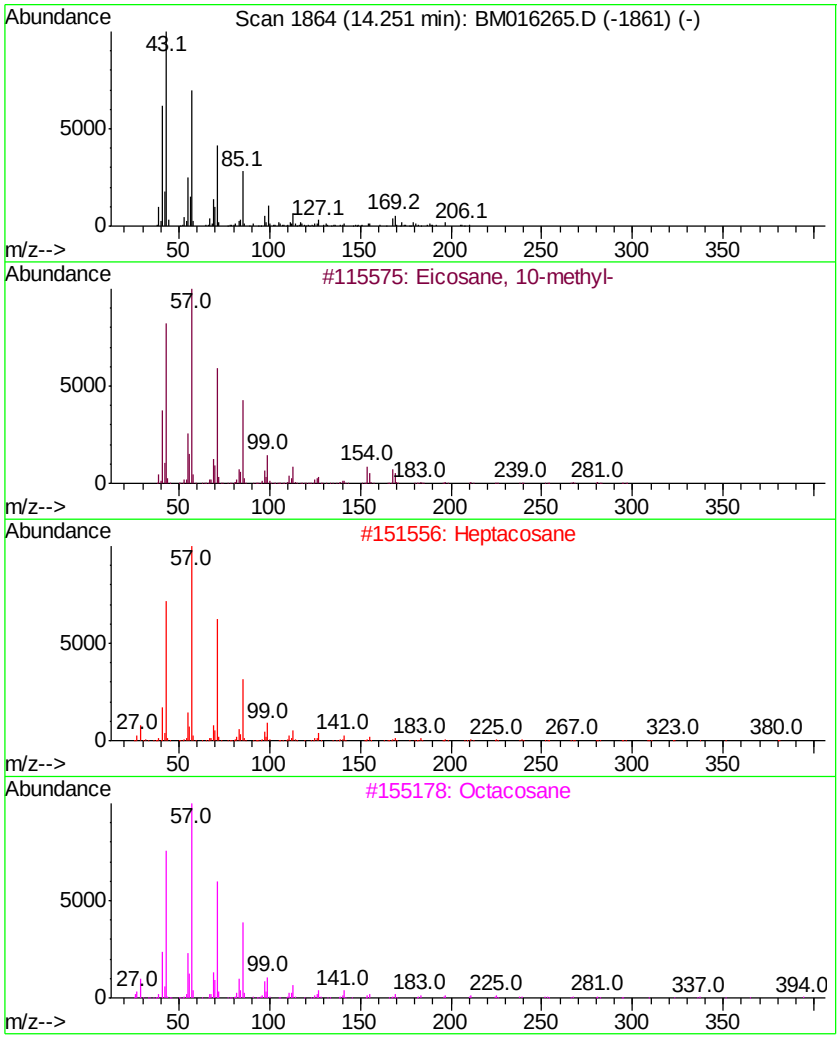
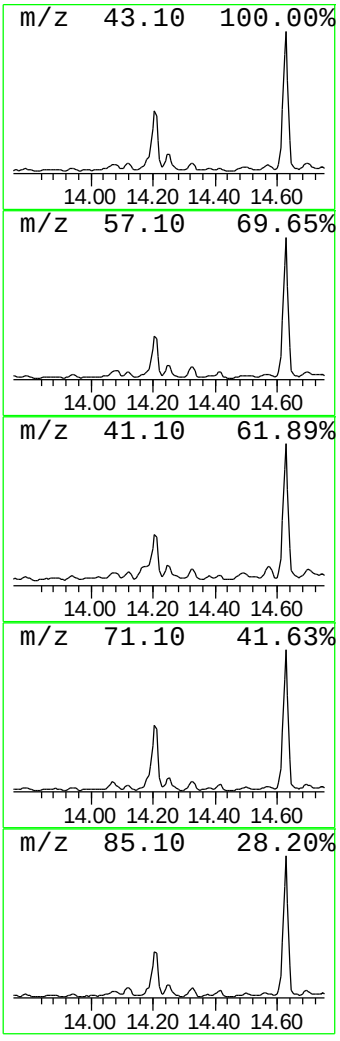
Peak Number 7 Eicosane, 10-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	30.73 ng	606789	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
2	Heptacosane	380	C27H56	000593-49-7	80
3	Octacosane	394	C28H58	000630-02-4	80
4	Tetracosane	338	C24H50	000646-31-1	80
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	80





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Sample : J4247-02 10X
Misc :
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ClientSampleId : S-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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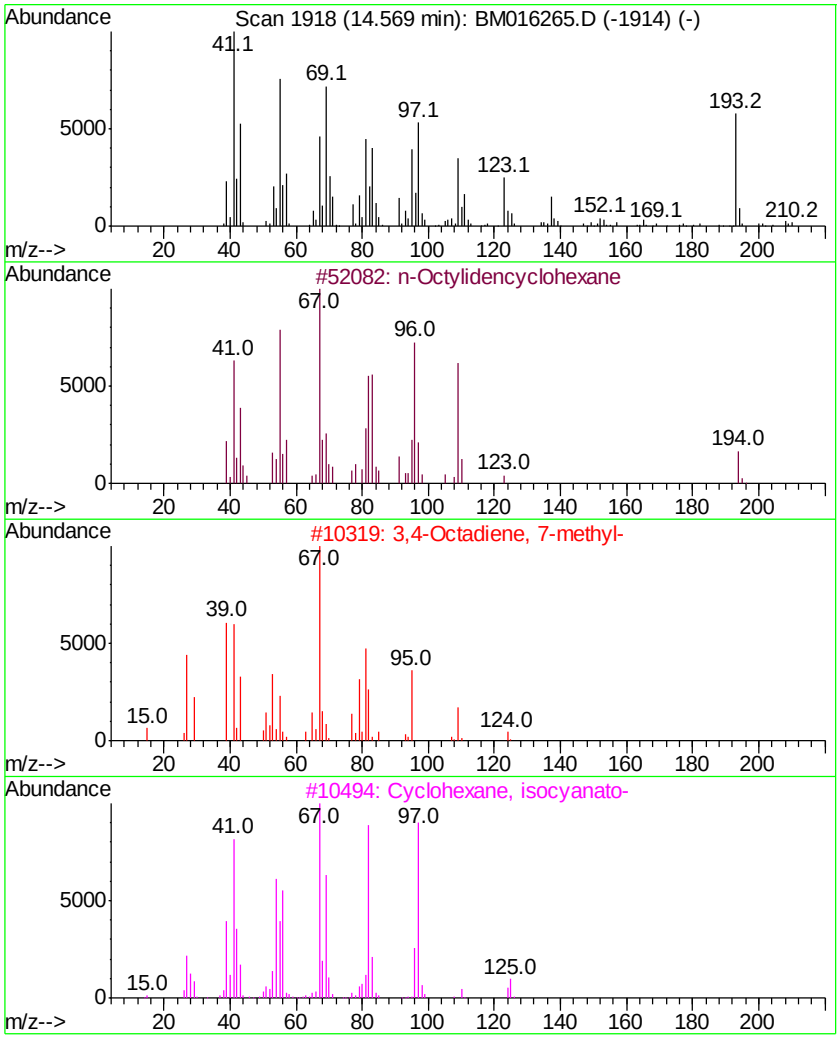
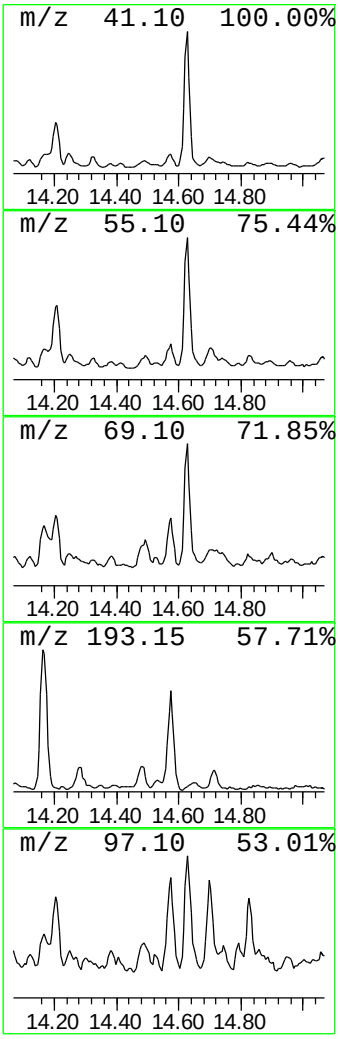
Peak Number 8 unknown14.57 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	30.83 ng	608623	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Octylidencyclohexane	194	C14H26	137595-12-1	42
2	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	38
3	Cyclohexane, isocyanato-	125	C7H11NO	003173-53-3	25
4	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-97-1	20
5	2(1H)-Pyridinone, 1-isopropyl-	137	C8H11NO	022973-00-8	18





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Sample : J4247-02 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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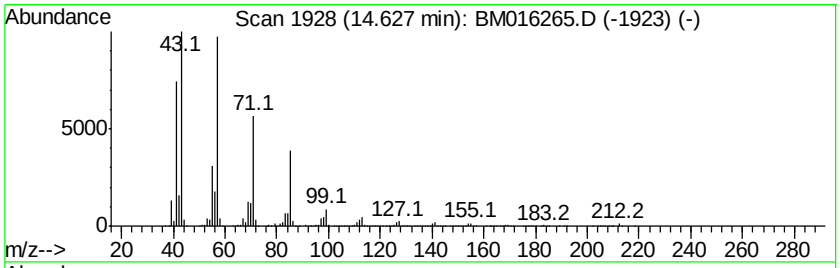
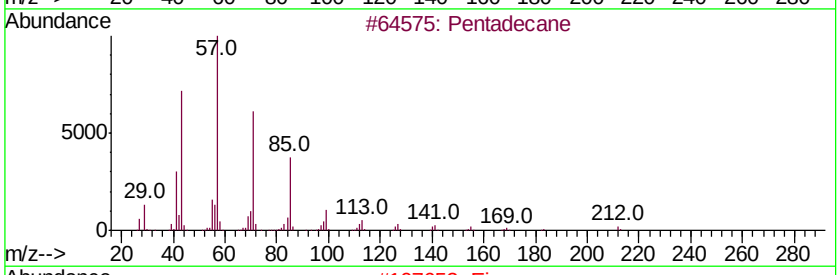
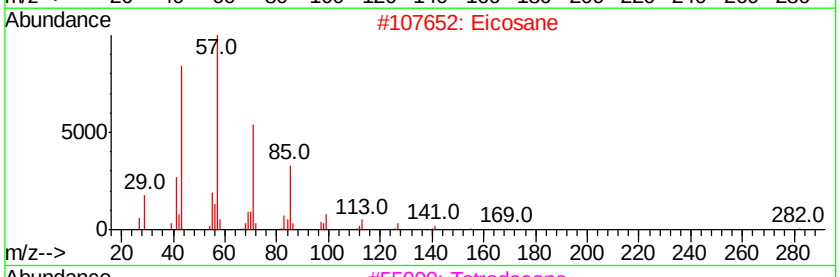
Peak Number 9 Pentadecane Concentration Rank 3

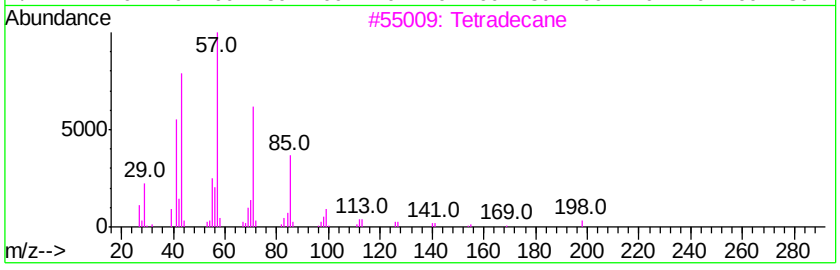
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	218.92 ng	4322320	Acenaphthene-d10	14.77

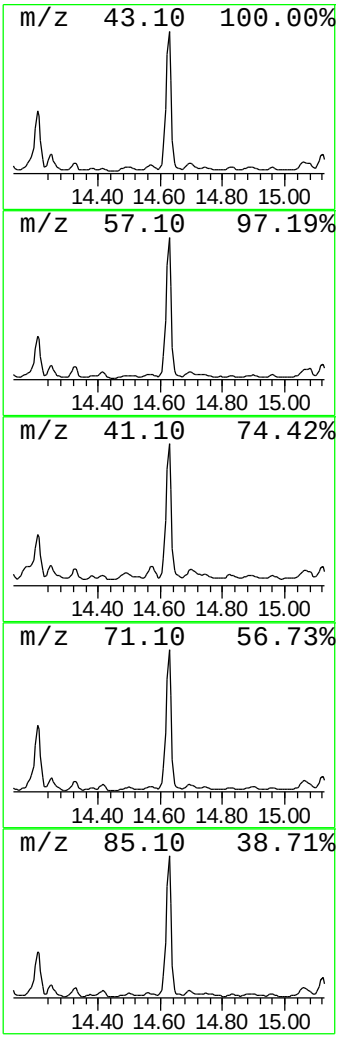
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Eicosane	282	C20H42	000112-95-8	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90











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Sample : J4247-02 10X
Misc :
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Instrument : BNA_M
ClientSampleId : S-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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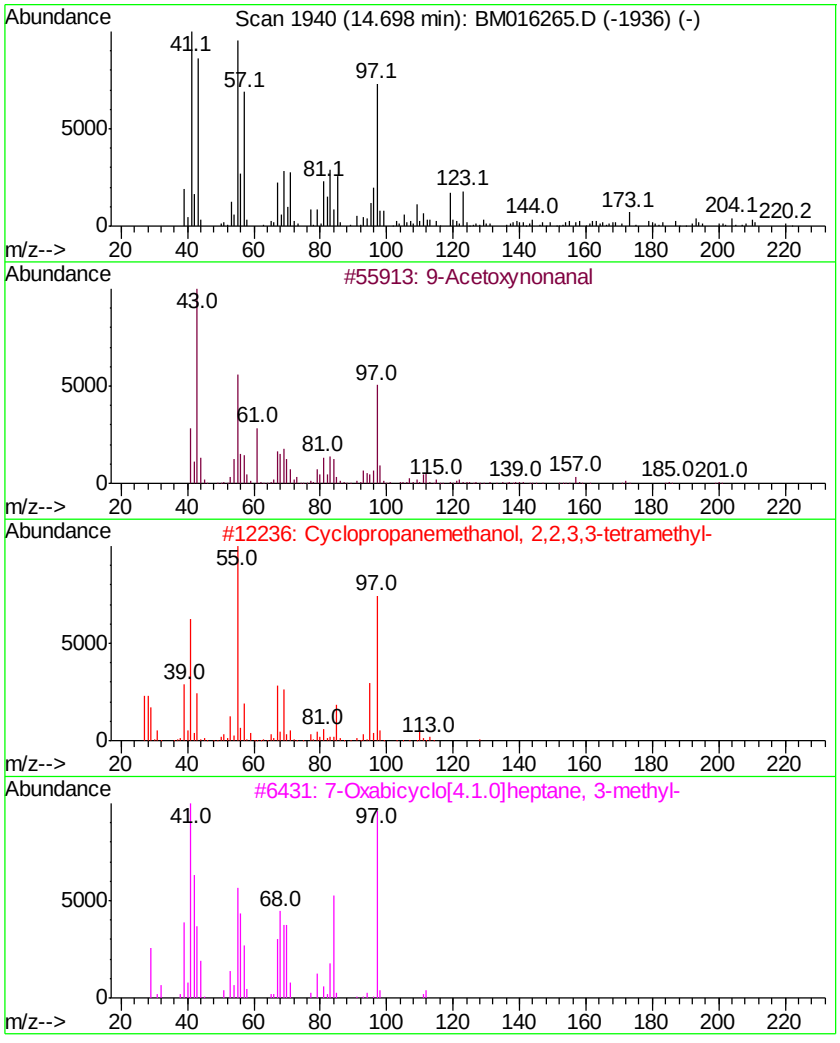
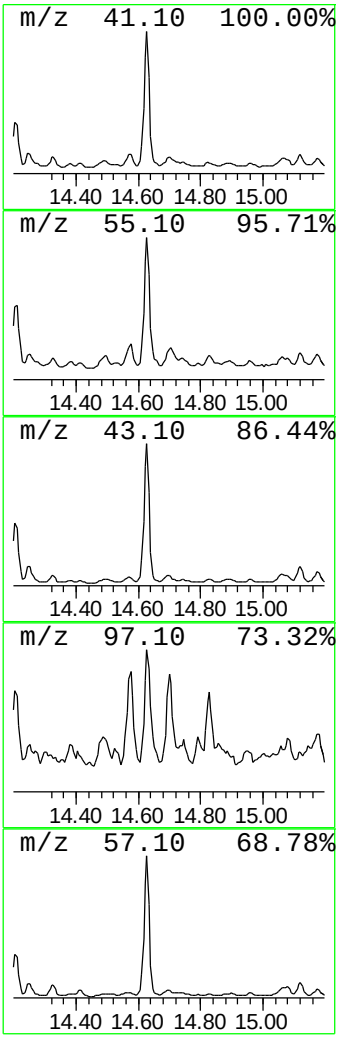
Peak Number 10 unknown14.70 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	30.68 ng	605739	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Acetoxynonanal	200	C11H20O3	029541-97-7	43
2	Cyclopropanemethanol, 2,2,3,3-te...	128	C8H16O	002415-96-5	38
3	7-Oxabicyclo[4.1.0]heptane, 3-me...	112	C7H12O	036099-51-1	38
4	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	38
5	Cyclohexane, 1,2-dimethyl-	112	C8H16	000583-57-3	35





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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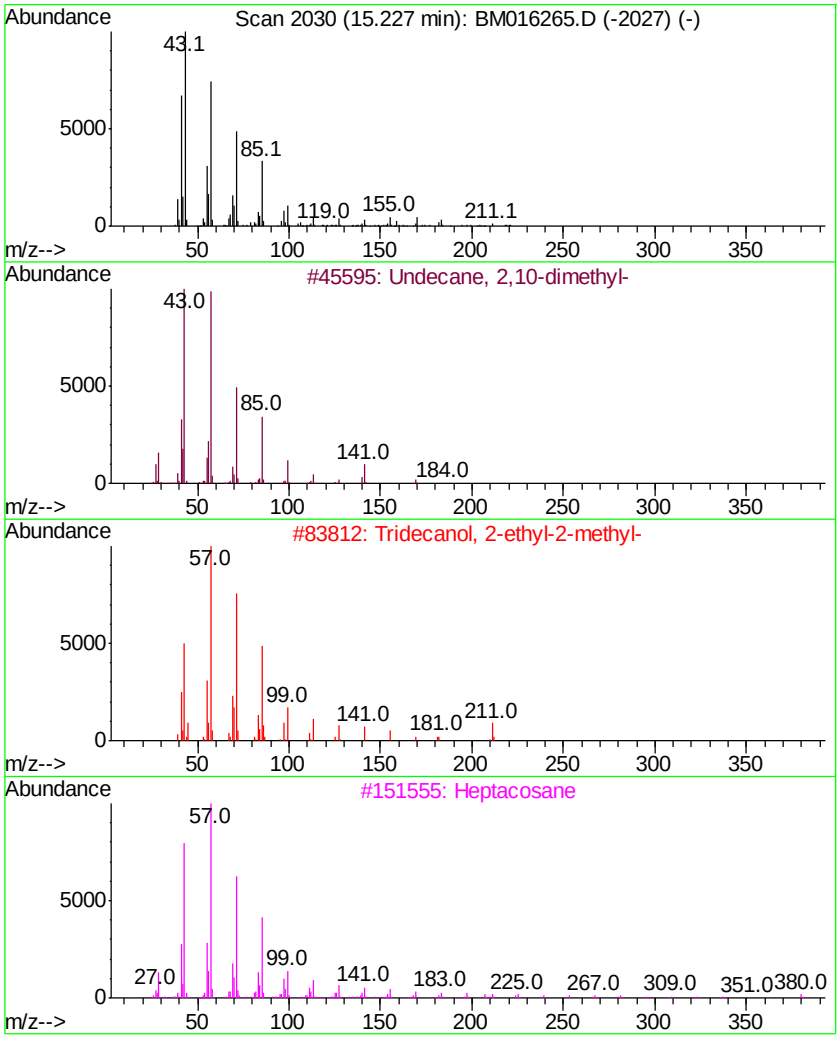
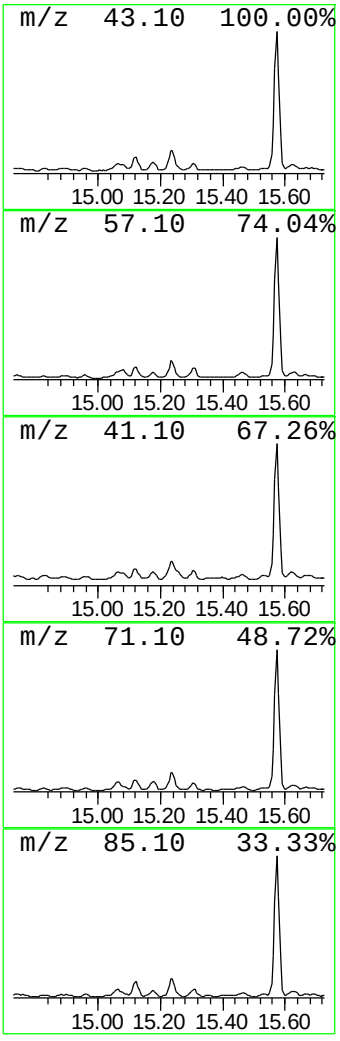
Peak Number 11 Undecane, 2,10-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	58.09 ng	1146980	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	90
2	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Nonacosane	408	C29H60	000630-03-5	90
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87





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Misc :
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Instrument : BNA_M
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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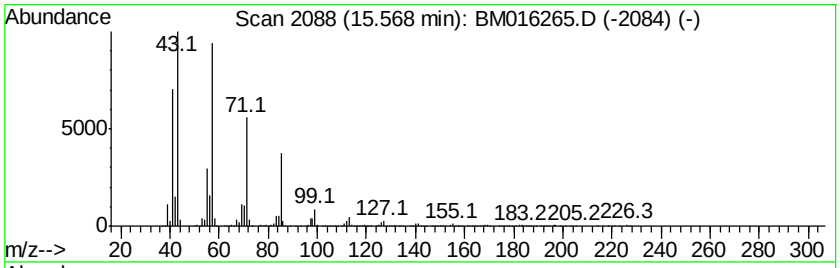
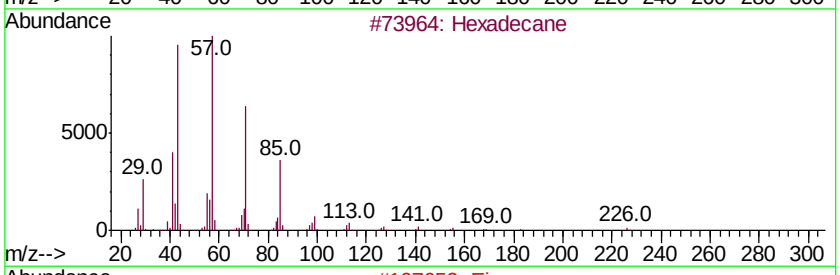
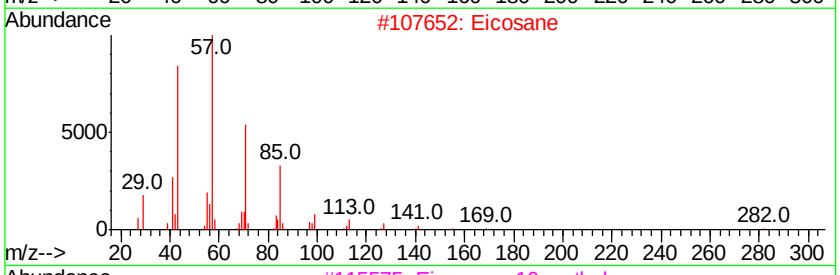
Peak Number 12 Eicosane Concentration Rank 2

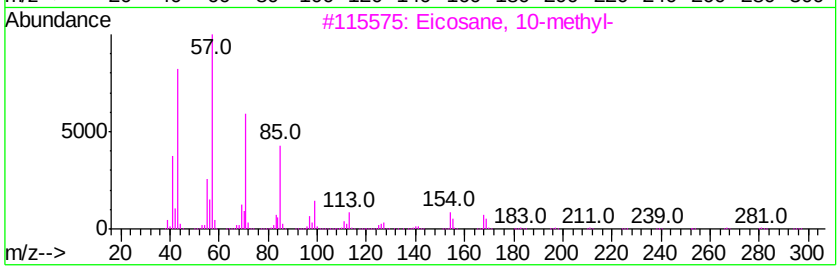
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	239.95 ng	4737550	Acenaphthene-d10	14.77

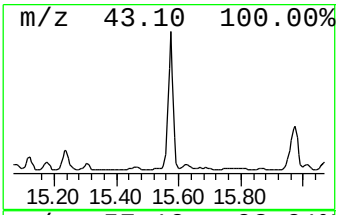
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Eicosane	282	C20H42	000112-95-8	91
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
5	Octadecane	254	C18H38	000593-45-3	87

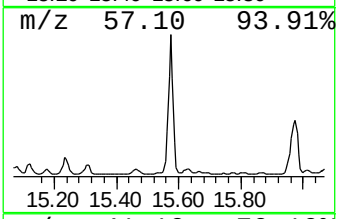


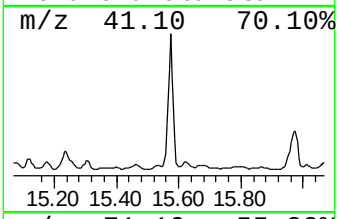


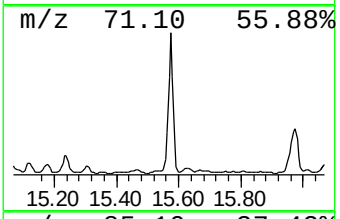


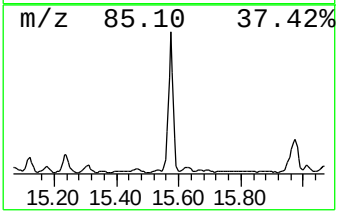












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Sample : J4247-02 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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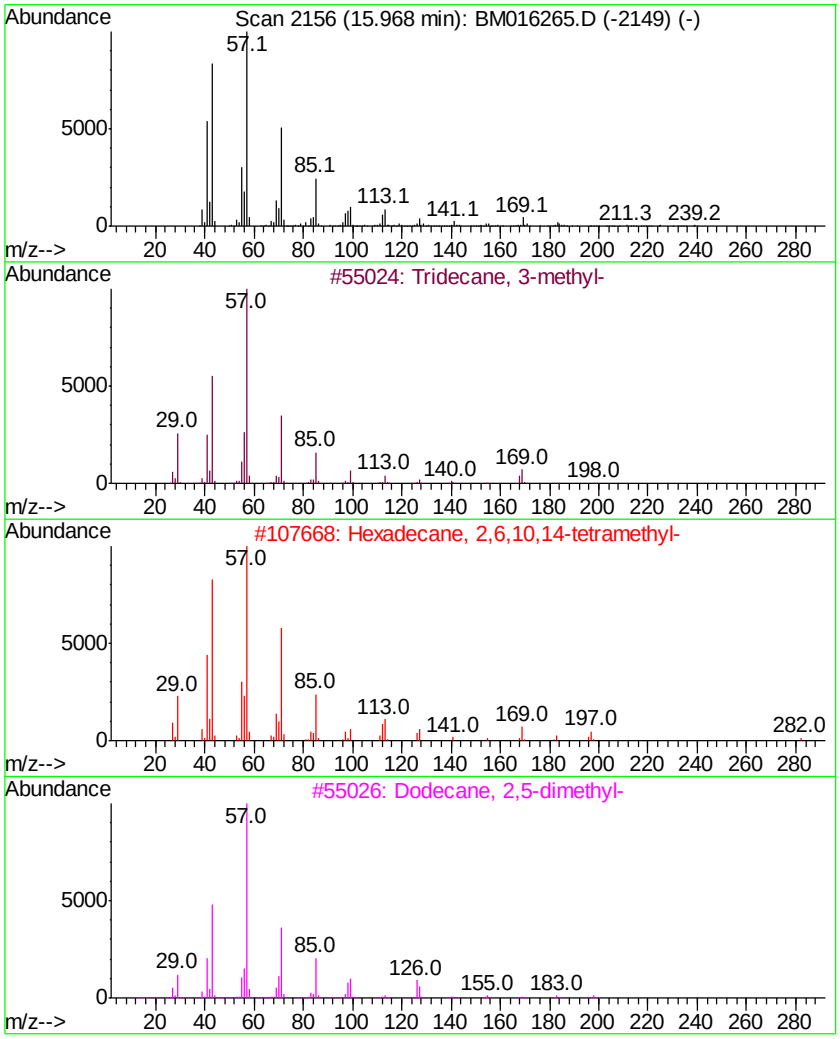
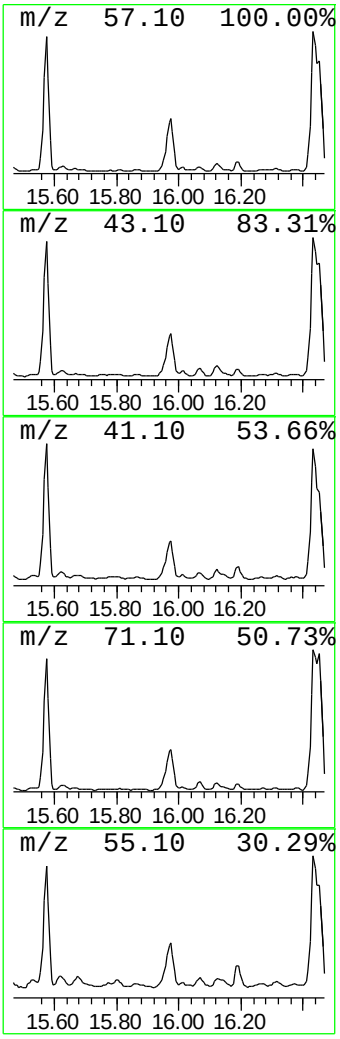
Peak Number 13 Tridecane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	127.25 ng	2512410	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	90
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	83
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	81
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81





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Instrument : BNA_M
ClientSampleId : S-2

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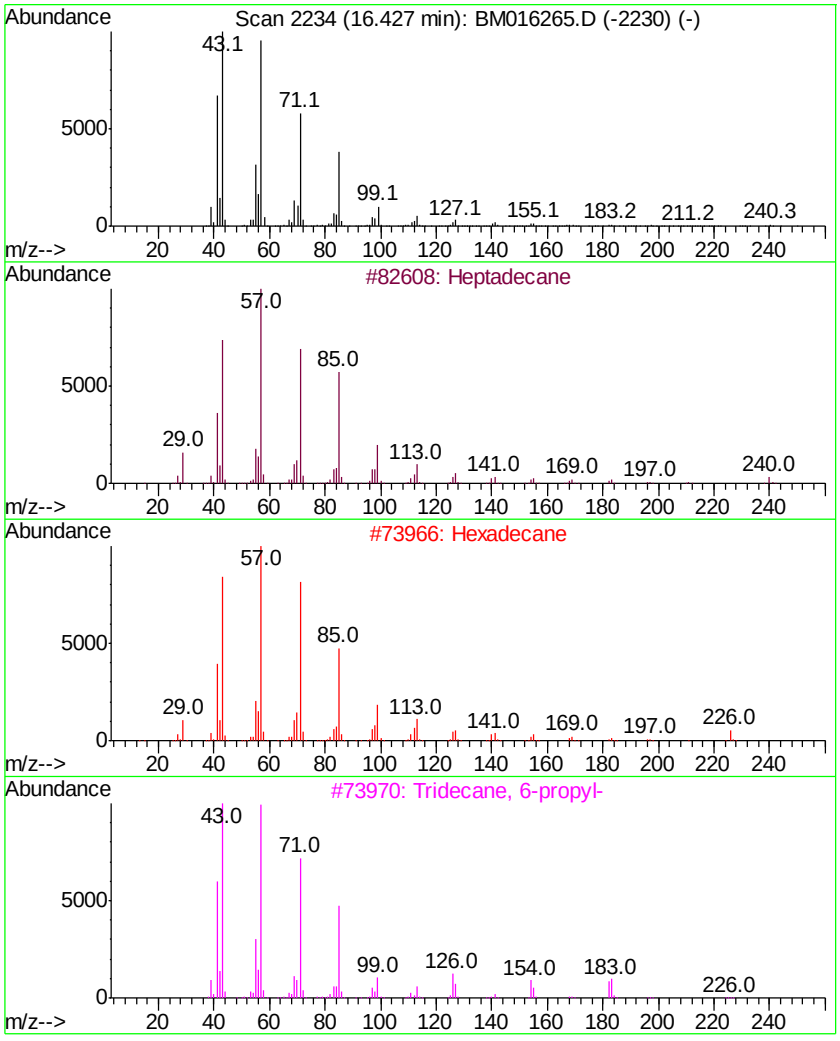
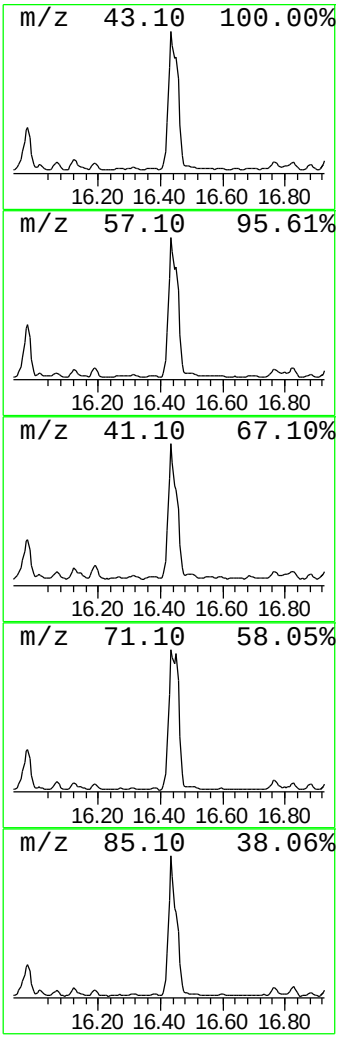
Peak Number 14 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	250.86 ng	9226390	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Hexadecane	226	C16H34	000544-76-3	94
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	94
4	Eicosane	282	C20H42	000112-95-8	91
5	Heptacosane	380	C27H56	000593-49-7	91





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Misc :
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Instrument : BNA_M
ClientSampleId : S-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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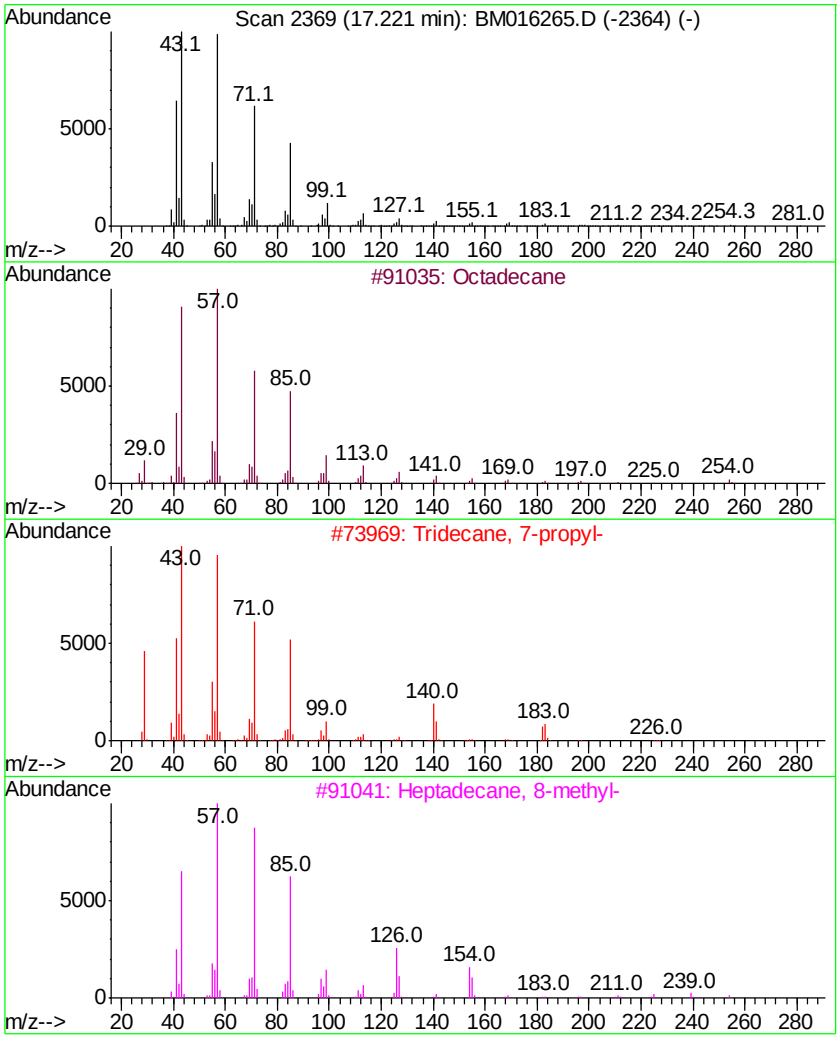
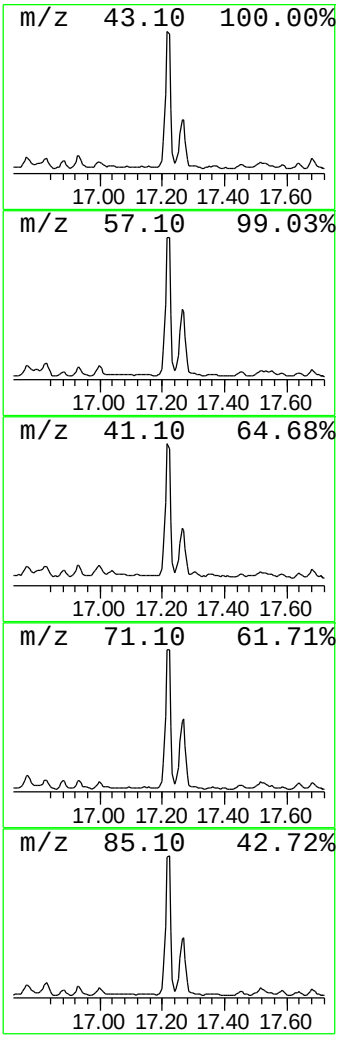
Peak Number 15 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	99.89 ng	3673930	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	93
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	93
4	Eicosane	282	C20H42	000112-95-8	91
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91





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TIC Integration Parameters: LSCINT.P

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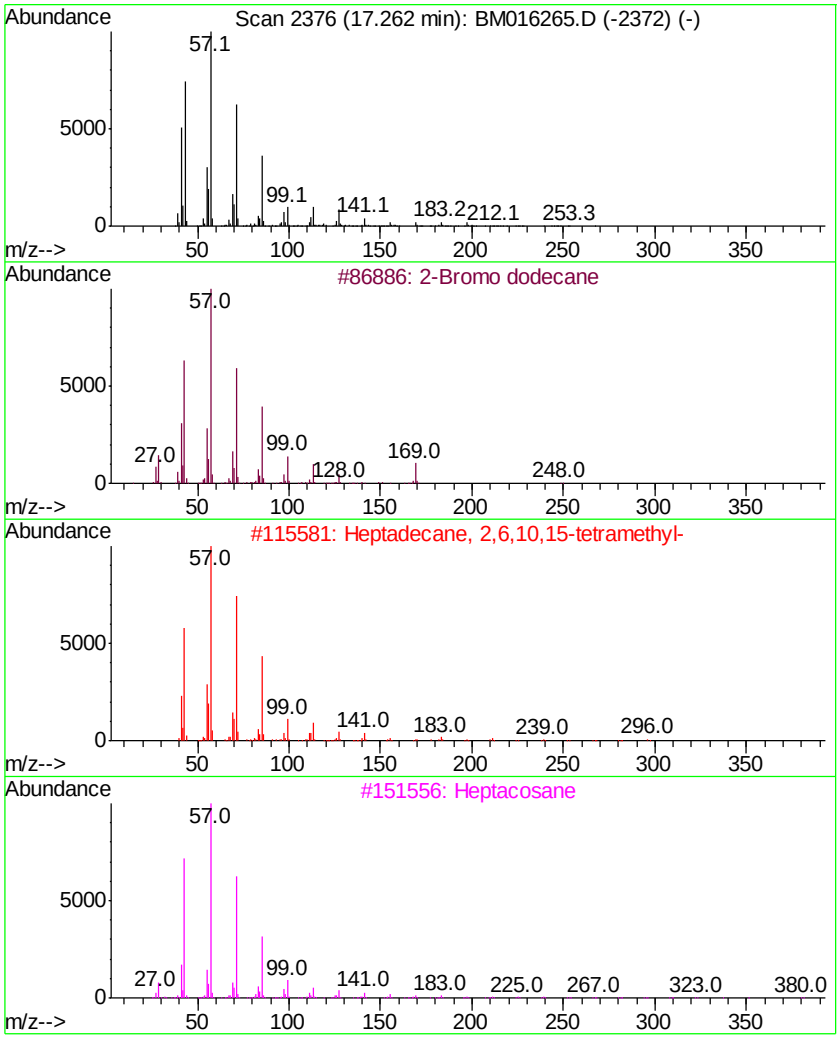
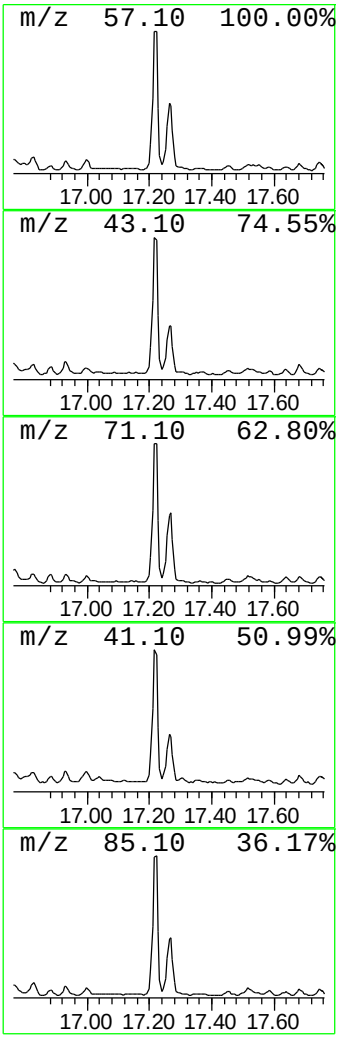
Peak Number 16 2-Bromo dodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	48.94 ng	1799910	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Heptacosane	380	C27H56	000593-49-7	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Eicosane	282	C20H42	000112-95-8	86





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Data File : BM016265.D
Acq On : 09 Aug 2018 02:14
Operator : SJ/JU
Sample : J4247-02 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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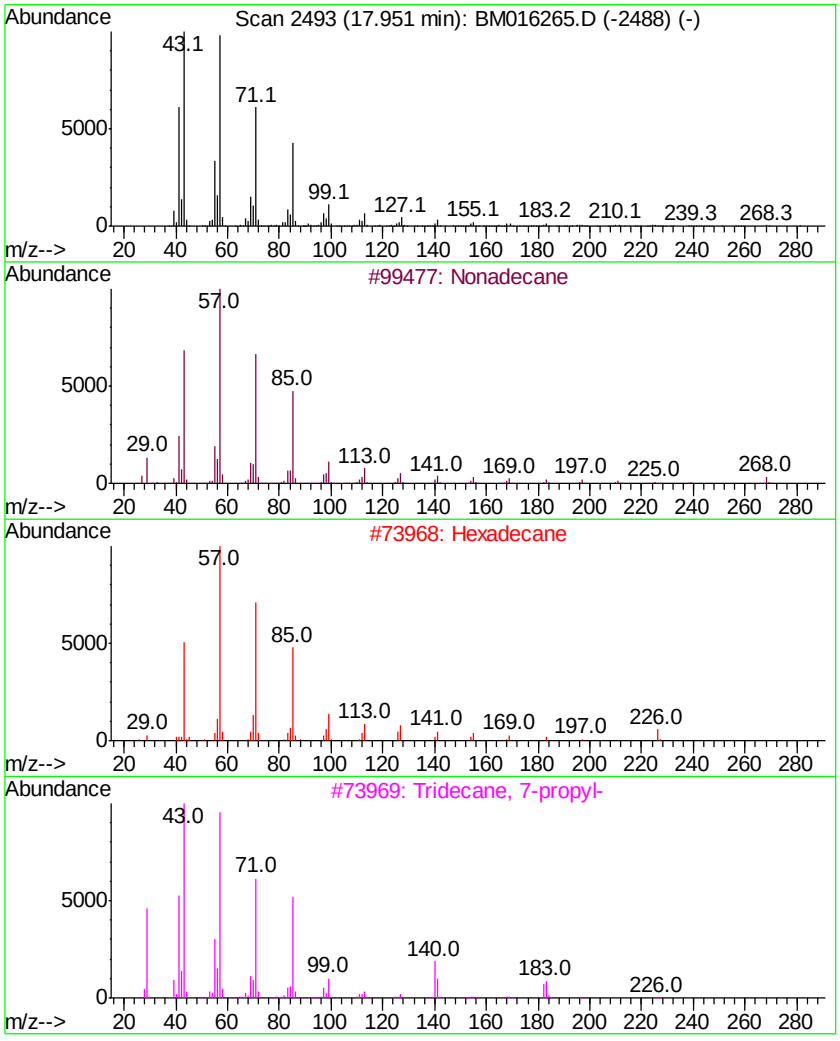
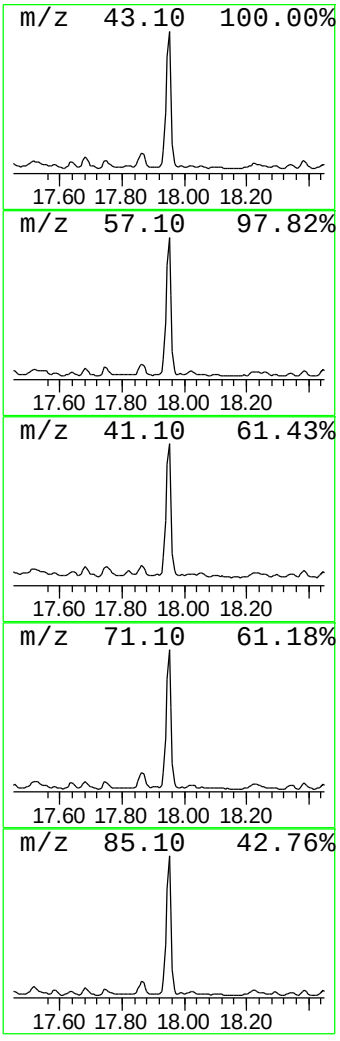
Peak Number 17 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	88.96 ng	3271660	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	Hexadecane	226	C16H34	000544-76-3	93
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	93
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
5	Heptacosane	380	C27H56	000593-49-7	91





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Operator : SJ/JU
Sample : J4247-02 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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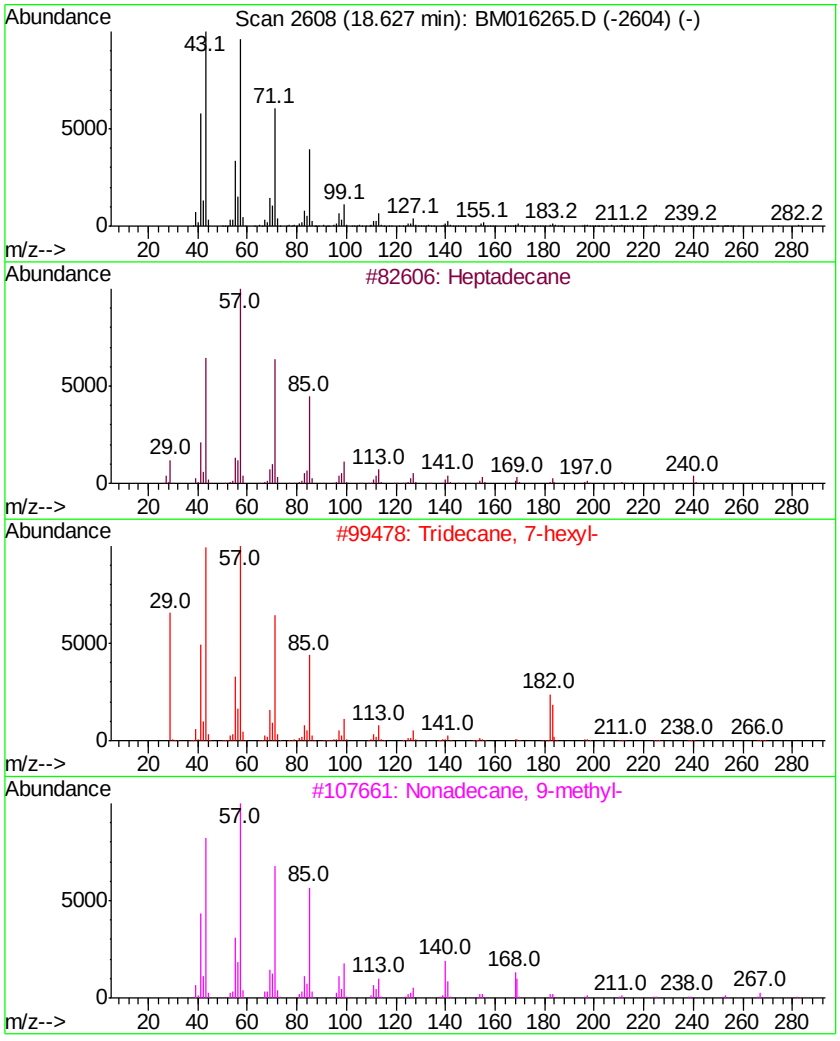
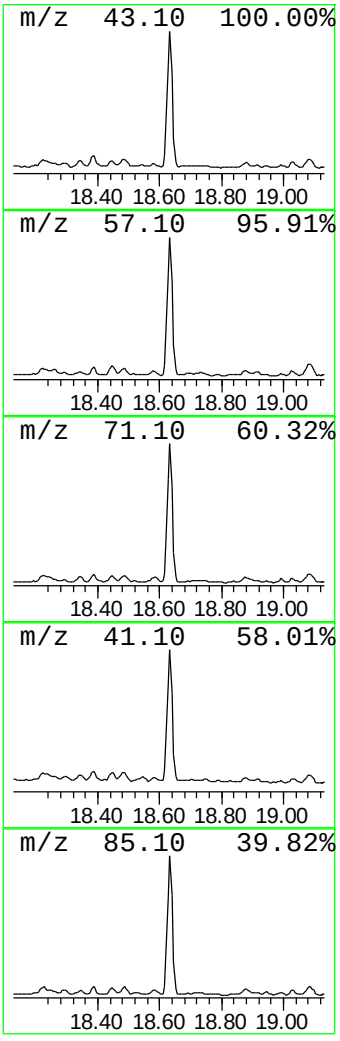
Peak Number 18 Dodecane, 2-methyl-6-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	62.25 ng	2289380	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	95
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	94
4	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	93
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
Data File : BM016265.D
Acq On : 09 Aug 2018 02:14
Operator : SJ/JU
Sample : J4247-02 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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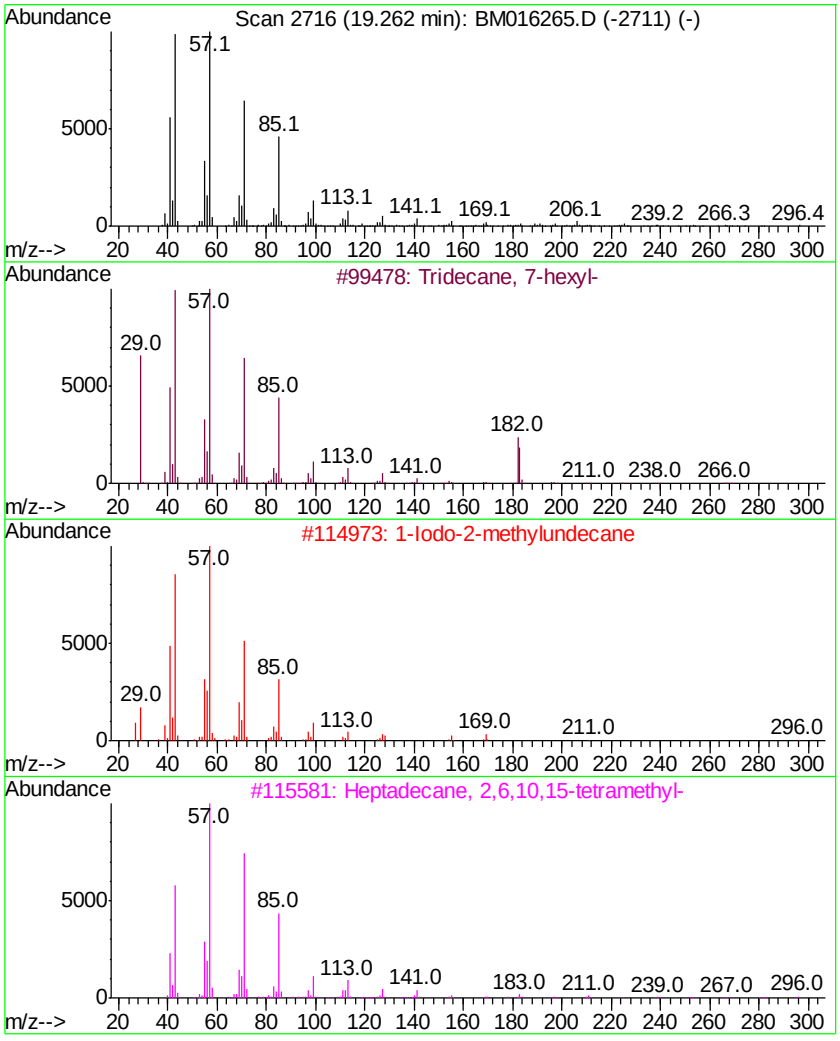
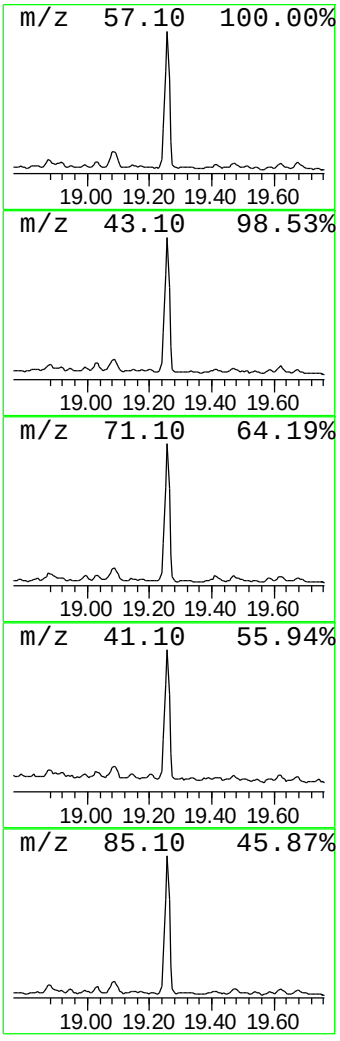
Peak Number 19 Tridecane, 7-hexyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	41.97 ng	1543750	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	97
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	93
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	92
4	Octacosane	394	C28H58	000630-02-4	91
5	Eicosane	282	C20H42	000112-95-8	91





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Data File : BM016265.D
Acq On : 09 Aug 2018 02:14
Operator : SJ/JU
Sample : J4247-02 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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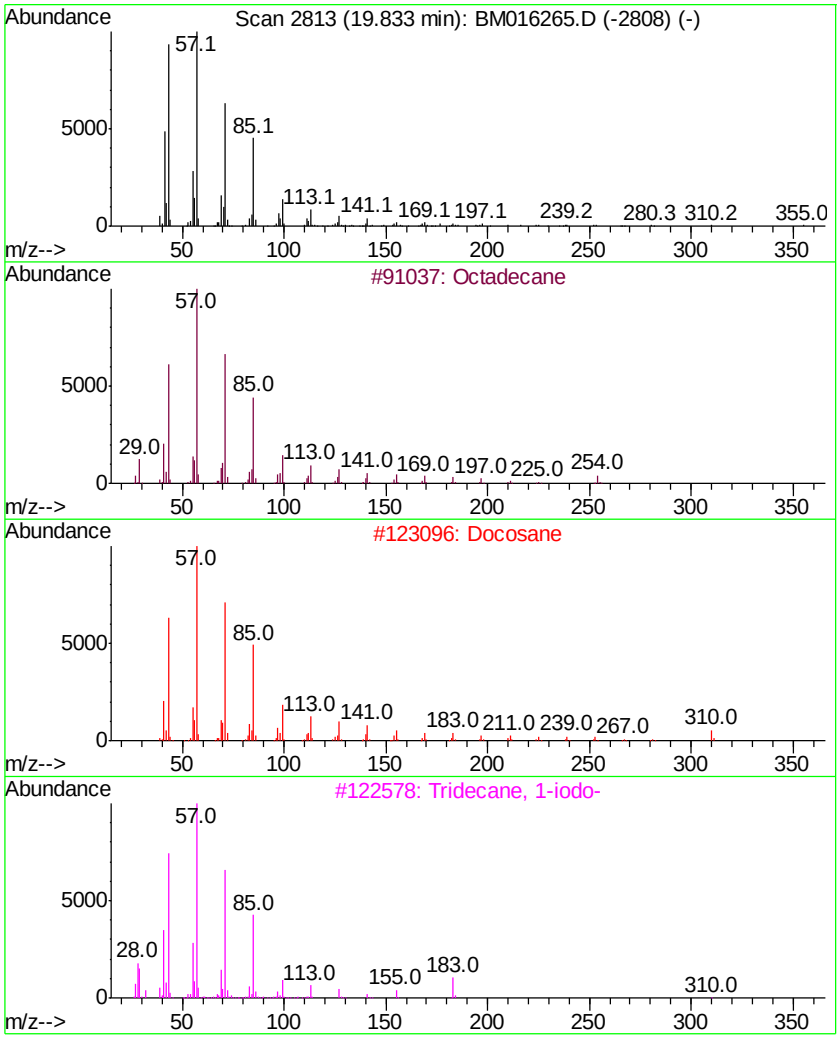
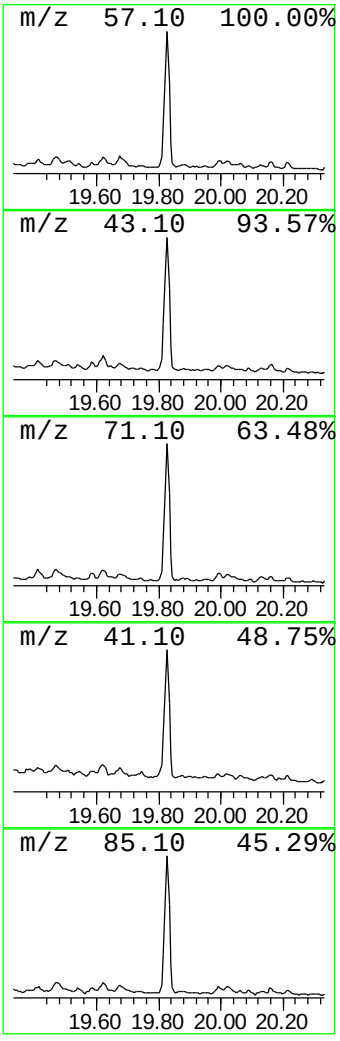
Peak Number 20 Docosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	36.98 ng	957779	Chrysene-d12	21.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Docosane	310	C22H46	000629-97-0	97
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	95
4	Heptacosane	380	C27H56	000593-49-7	91
5	Docosane, 9-butyl-	366	C26H54	055282-14-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080818\
Data File : BM016265.D
Acq On : 09 Aug 2018 02:14
Operator : SJ/JU
Sample : J4247-02 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Nonane, 3-methyl-	11.92	42.3	ng	853556	2	10.95	403482	20.0
Tridecane	12.32	60.3	ng	1215540	2	10.95	403482	20.0
Heptadecane, 2,6,...	13.26	62.7	ng	1238720	3	14.77	394883	20.0
Hexadecane	13.56	204.7	ng	4041230	3	14.77	394883	20.0
unknown14.17	14.17	35.0	ng	691996	3	14.77	394883	20.0
Tridecane, 6-propyl-	14.20	96.8	ng	1911670	3	14.77	394883	20.0
Eicosane, 10-methyl-	14.25	30.7	ng	606789	3	14.77	394883	20.0
unknown14.57	14.57	30.8	ng	608623	3	14.77	394883	20.0
Pentadecane	14.63	218.9	ng	4322320	3	14.77	394883	20.0
unknown14.70	14.70	30.7	ng	605739	3	14.77	394883	20.0
Undecane, 2,10-di...	15.23	58.1	ng	1146980	3	14.77	394883	20.0
Eicosane	15.57	239.9	ng	4737550	3	14.77	394883	20.0
Tridecane, 3-methyl-	15.97	127.3	ng	2512410	3	14.77	394883	20.0
Heptadecane	16.43	250.9	ng	9226390	4	17.51	735572	20.0
Octadecane	17.22	99.9	ng	3673930	4	17.51	735572	20.0
2-Bromo dodecane	17.26	48.9	ng	1799910	4	17.51	735572	20.0
Nonadecane	17.95	89.0	ng	3271660	4	17.51	735572	20.0
Dodecane, 2-methy...	18.63	62.3	ng	2289380	4	17.51	735572	20.0
Tridecane, 7-hexyl-	19.26	42.0	ng	1543750	4	17.51	735572	20.0
Docosane	19.83	37.0	ng	957779	5	21.63	517931	20.0