LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121015\
Data File : BM003474.D
Acq On : 11 Dec 2015 04:10
Operator : UM/IZ
Sample : G4725-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB3(2-4)

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:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.840	292	298	308	rBV	354476	502342	17.14%	1.833%
2	5.304	371	377	384	rBV	1291561	1885525	64.34%	6.880%
3	5.740	446	451	455	rBV2	23657	33061	1.13%	0.121%
4	6.898	636	648	662	rBV	1282254	2156878	73.60%	7.870%
5	7.257	702	709	717	rVB	1391279	2233831	76.23%	8.151%
6	7.722	778	788	795	rBV	271153	452514	15.44%	1.651%
7	8.039	831	842	850	rVB	1108246	1796929	61.32%	6.557%
8	8.880	977	985	992	rBV	908197	1491574	50.90%	5.443%
9	8.945	992	996	1001	rVB	27786	40418	1.38%	0.147%
10	10.510	1253	1262	1267	rBV	385320	689696	23.53%	2.517%
11	10.557	1267	1270	1279	rVB	45348	73009	2.49%	0.266%
12	10.669	1285	1289	1297	rVB	24287	37439	1.28%	0.137%
13	11.539	1431	1437	1445	rBV	39747	63376	2.16%	0.231%
14	11.939	1500	1505	1511	rBB	38533	55423	1.89%	0.202%
15	12.174	1539	1545	1552	rVB	89382	142617	4.87%	0.520%
16	12.398	1578	1583	1589	rBV	67479	99747	3.40%	0.364%
17	12.904	1664	1669	1676	rVB	35083	47774	1.63%	0.174%
18	12.986	1676	1683	1694	rBV	1920994	2930530	100.00%	10.693%
19	13.192	1711	1718	1723	rBV2	60220	84082	2.87%	0.307%
20	13.527	1769	1775	1777	rBV	27028	43300	1.48%	0.158%
21	13.686	1797	1802	1807	rBV	57898	92379	3.15%	0.337%
22	13.739	1807	1811	1817	rVV	50391	76706	2.62%	0.280%
23	13.827	1821	1826	1829	rVV	329701	470400	16.05%	1.716%
24	13.857	1829	1831	1835	rVV	66031	68369	2.33%	0.249%
25	13.927	1839	1843	1846	rVV	42853	59168	2.02%	0.216%
26	14.274	1896	1902	1907	rVB	78672	102184	3.49%	0.373%
27	14.374	1909	1919	1925	rBV2	506518	822331	28.06%	3.001%
28	14.768	1981	1986	1993	rVB	58508	89343	3.05%	0.326%
29	14.845	1993	1999	2003	rVV	28748	47150	1.61%	0.172%
30	14.992	2020	2024	2029	rVV2	23694	38544	1.32%	0.141%
31	15.039	2029	2032	2037	rVB	27864	36409	1.24%	0.133%
32	15.162	2043	2053	2056	rBV3	34646	62565	2.13%	0.228%
33	15.227	2060	2064	2069	rVB	83990	107444	3.67%	0.392%
34	15.409	2090	2095	2100	rBV3	46806	69983	2.39%	0.255%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121015\
Data File : BM003474.D
Acq On : 11 Dec 2015 04:10
Operator : UM/IZ
Sample : G4725-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB3(2-4)

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:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.633	2127	2133	2138	rVV2	47535	72611	2.48%	0.265%
36	15.715	2141	2147	2154	rVB3	30560	56077	1.91%	0.205%
37	15.862	2164	2172	2180	rBV	1075394	1559586	53.22%	5.691%
38	15.945	2180	2186	2192	rVB3	17166	40800	1.39%	0.149%
39	16.109	2211	2214	2219	rVB	184487	269674	9.20%	0.984%
40	16.433	2259	2269	2273	rBV8	18235	46497	1.59%	0.170%
41	16.662	2300	2308	2316	rBV4	39594	102318	3.49%	0.373%
42	16.774	2323	2327	2334	rBV3	17164	36223	1.24%	0.132%
43	16.880	2334	2345	2350	rVV2	80433	145594	4.97%	0.531%
44	16.933	2350	2354	2364	rVB4	32133	59121	2.02%	0.216%
45	17.121	2380	2386	2390	rBV2	578562	833168	28.43%	3.040%
46	17.162	2390	2393	2396	rVV	93142	119434	4.08%	0.436%
47	17.309	2412	2418	2423	rBV4	17992	36444	1.24%	0.133%
48	17.615	2466	2470	2476	rVB	61924	78503	2.68%	0.286%
49	18.009	2530	2537	2540	rVV2	68476	153382	5.23%	0.560%
50	18.039	2540	2542	2548	rVB	80322	107722	3.68%	0.393%
51	18.180	2561	2566	2570	rVV2	53641	82912	2.83%	0.303%
52	18.227	2570	2574	2581	rVB	43722	67334	2.30%	0.246%
53	18.309	2581	2588	2592	rBV	68938	93513	3.19%	0.341%
54	18.497	2616	2620	2624	rBV2	38139	57210	1.95%	0.209%
55	18.792	2666	2670	2674	rVV2	18734	29792	1.02%	0.109%
56	18.915	2687	2691	2694	rBV	56669	84747	2.89%	0.309%
57	18.950	2694	2697	2704	rVV2	67528	112749	3.85%	0.411%
58	19.056	2711	2715	2721	rVB2	17124	33921	1.16%	0.124%
59	19.180	2730	2736	2743	rBV	66405	92678	3.16%	0.338%
60	19.245	2743	2747	2751	rBV	25732	34236	1.17%	0.125%
61	19.297	2751	2756	2758	rBV3	20189	29865	1.02%	0.109%
62	19.450	2774	2782	2789	rBV3	44716	64625	2.21%	0.236%
63	19.533	2789	2796	2807	rBV4	64926	163579	5.58%	0.597%
64	19.621	2807	2811	2817	rVB2	30280	45623	1.56%	0.166%
65	19.750	2828	2833	2839	rBV	1944590	2540721	86.70%	9.271%
66	19.862	2848	2852	2856	rBV3	23750	37211	1.27%	0.136%
67	20.062	2878	2886	2891	rVB2	63969	114807	3.92%	0.419%
68	20.203	2905	2910	2913	rVB2	19616	35430	1.21%	0.129%
69	20.497	2956	2960	2966	rVB4	37683	44592	1.52%	0.163%
70	20.562	2966	2971	2974	rBV	60252	69412	2.37%	0.253%
71	20.791	3007	3010	3015	rVB2	29615	44013	1.50%	0.161%

LSC Area Percent Report

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Data File : BM003474.D
Acq On : 11 Dec 2015 04:10
Operator : UM/IZ
Sample : G4725-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB3(2-4)

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:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	20.956	3031	3038	3042	rBV3	23034	50164	1.71%	0.183%
73	21.021	3045	3049	3056	rVV	124910	162996	5.56%	0.595%
74	21.209	3076	3081	3085	rBV5	15975	37240	1.27%	0.136%
75	21.309	3092	3098	3103	rBV	731583	998701	34.08%	3.644%
76	21.462	3120	3124	3129	rVV	61008	70159	2.39%	0.256%
77	21.844	3185	3189	3191	rBV2	30185	46469	1.59%	0.170%
78	21.897	3195	3198	3204	rVV2	57667	84949	2.90%	0.310%
79	22.356	3272	3276	3283	rBV2	68228	103524	3.53%	0.378%
80	22.491	3291	3299	3310	rVB2	99525	206201	7.04%	0.752%
81	22.874	3359	3364	3370	rBV4	49913	103751	3.54%	0.379%
82	23.368	3444	3448	3454	rVB2	28209	45127	1.54%	0.165%
83	23.562	3474	3481	3489	rBV2	465708	897521	30.63%	3.275%

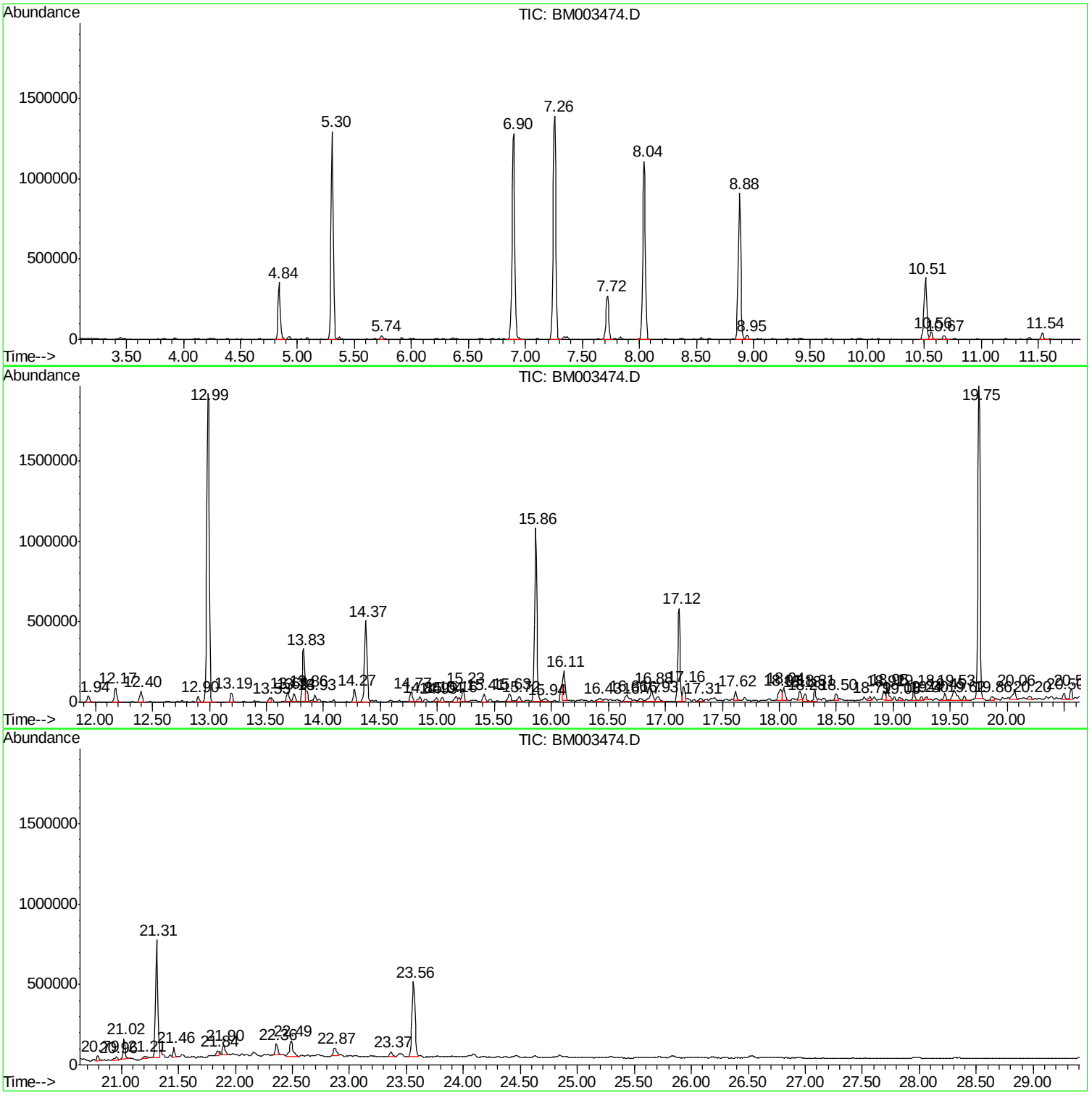
Sum of corrected areas: 27405966

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121015\
Data File : BM003474.D
Acq On : 11 Dec 2015 04:10
Operator : UM/IZ
Sample : G4725-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB3(2-4)

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM121015\
Data File : BM003474.D
Acq On : 11 Dec 2015 04:10
Operator : UM/IZ
Sample : G4725-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB3(2-4)

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

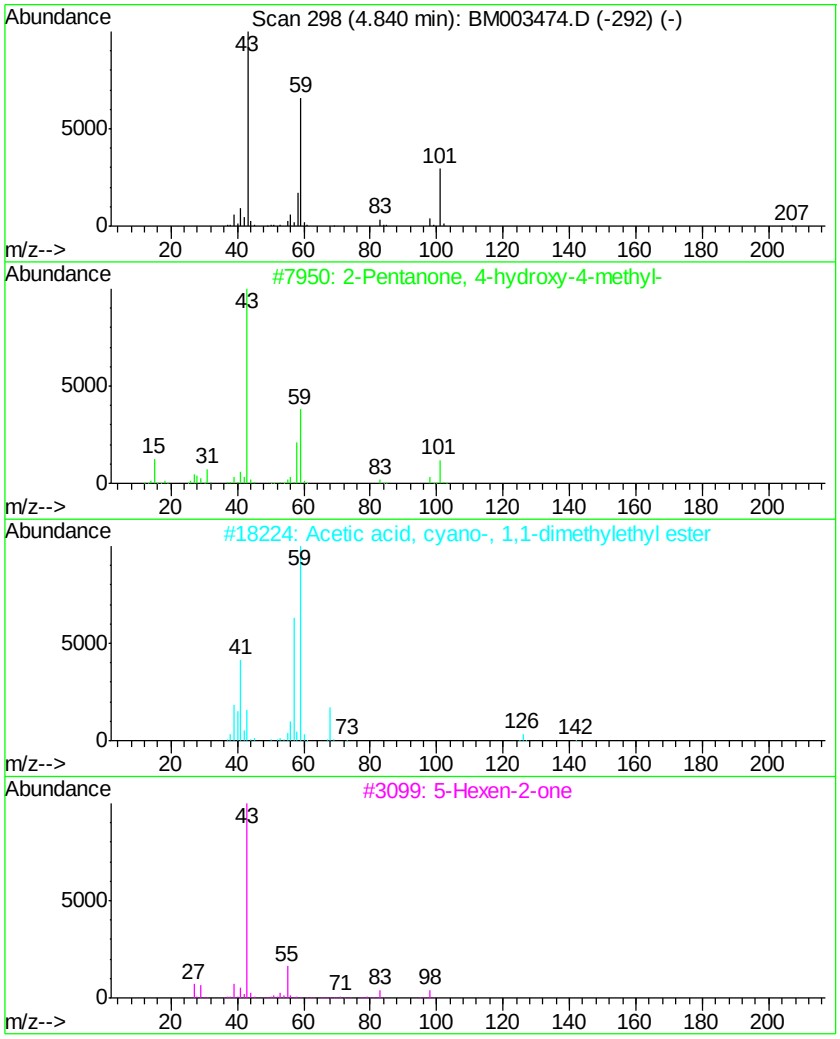
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

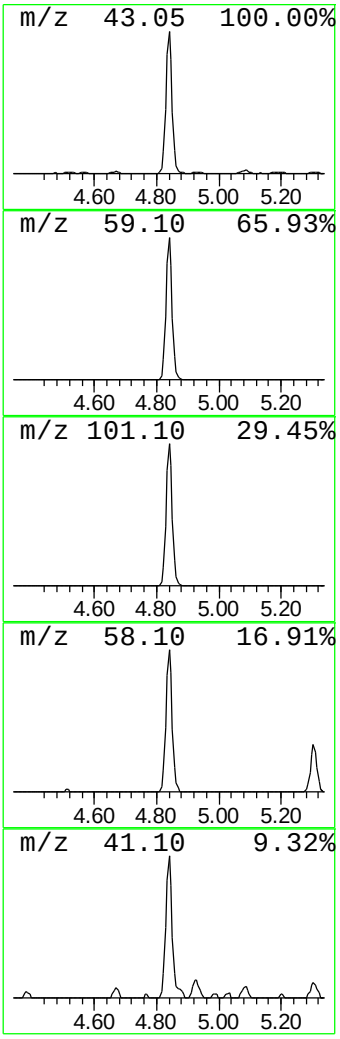
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	22.20 ng	502342	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\HPCHEM1\BNA M\DATA\BM121015\
Data File : BM003474.D
Acq On : 11 Dec 2015 04:10
Operator : UM/IZ
Sample : G4725-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB3(2-4)

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

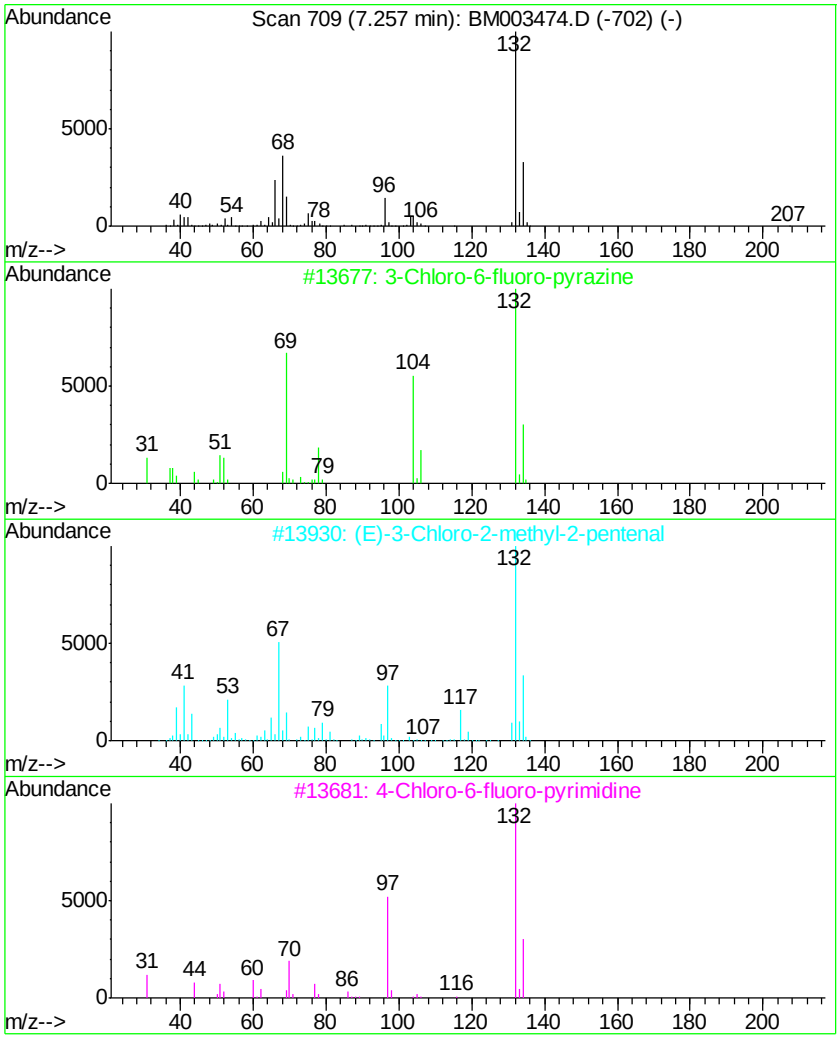
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

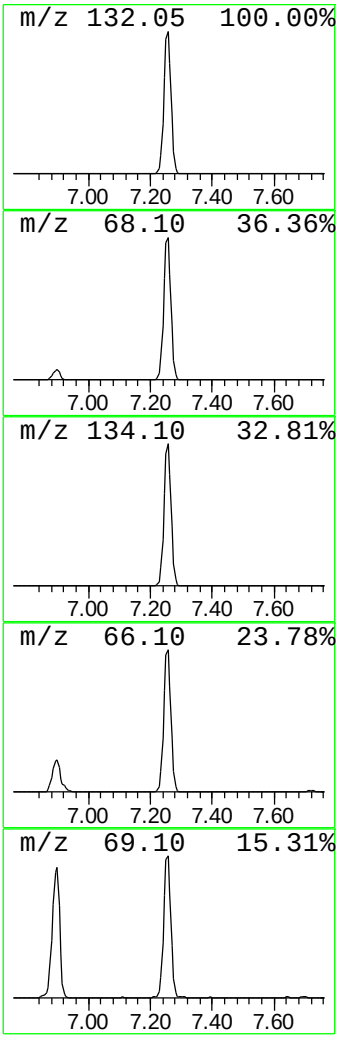
****

Peak Number 2 unknown7.26 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	98.73 ng	2233830	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Data Path : Z:\HPCHEM1\BNA M\DATA\BM121015\
Data File : BM003474.D
Acq On : 11 Dec 2015 04:10
Operator : UM/IZ
Sample : G4725-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB3(2-4)

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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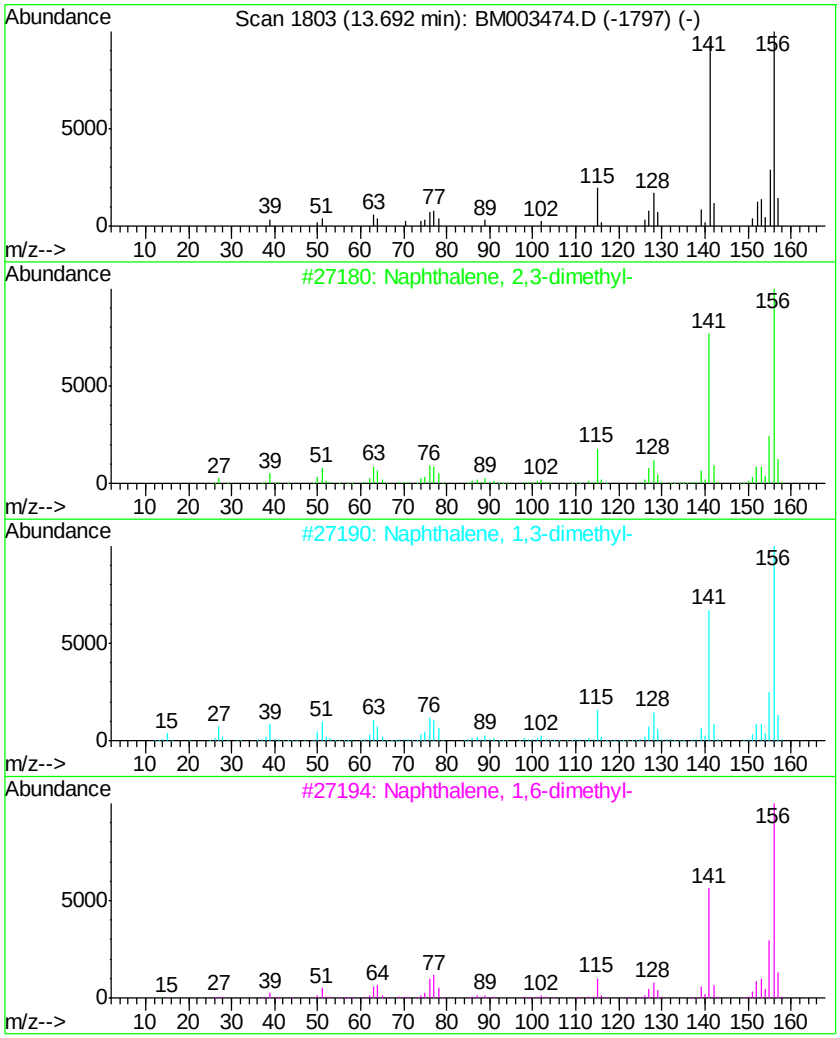
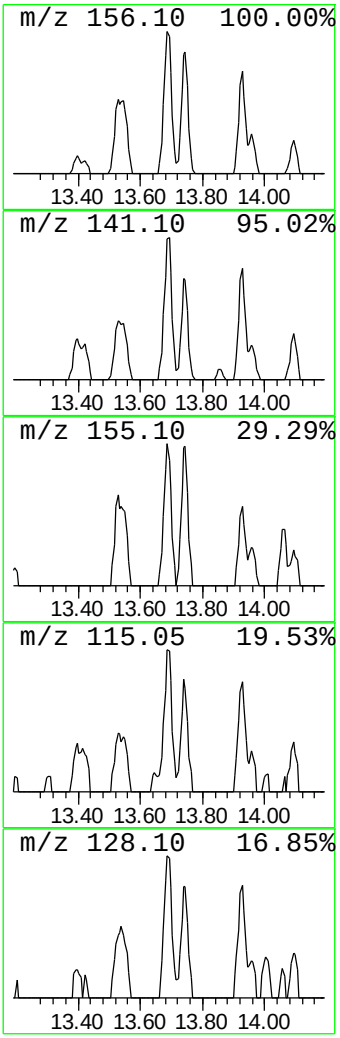
Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	2.25 ng	92379	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : Z:\HPCHEM1\BNA M\DATA\BM121015\
Data File : BM003474.D
Acq On : 11 Dec 2015 04:10
Operator : UM/IZ
Sample : G4725-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB3(2-4)

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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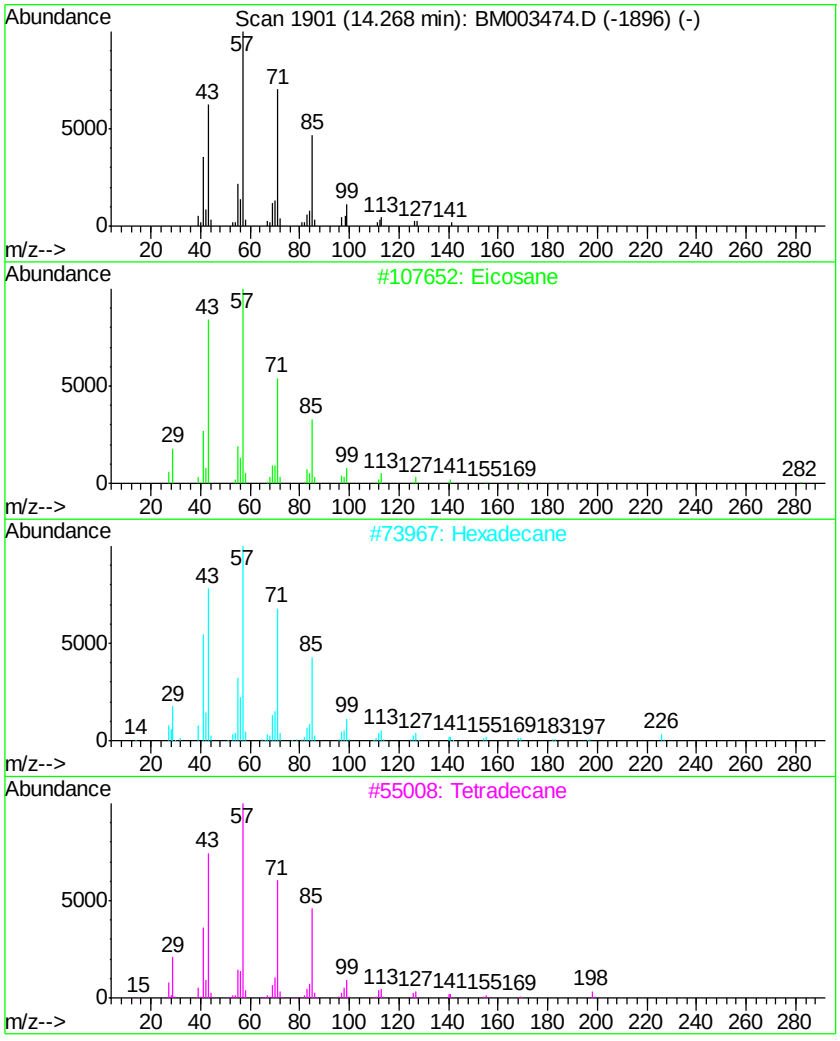
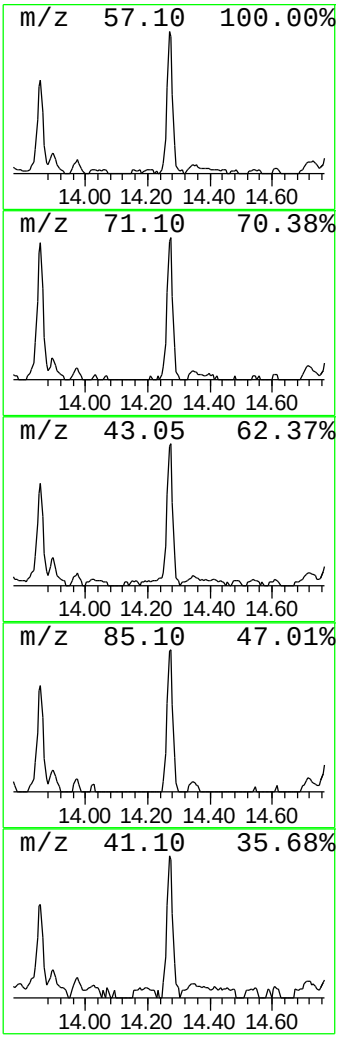
Peak Number 6 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	2.49 ng	102184	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Octacosane	394	C28H58	000630-02-4	86





Data Path : Z:\HPCHEM1\BNA M\DATA\BM121015\
Data File : BM003474.D
Acq On : 11 Dec 2015 04:10
Operator : UM/IZ
Sample : G4725-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB3(2-4)

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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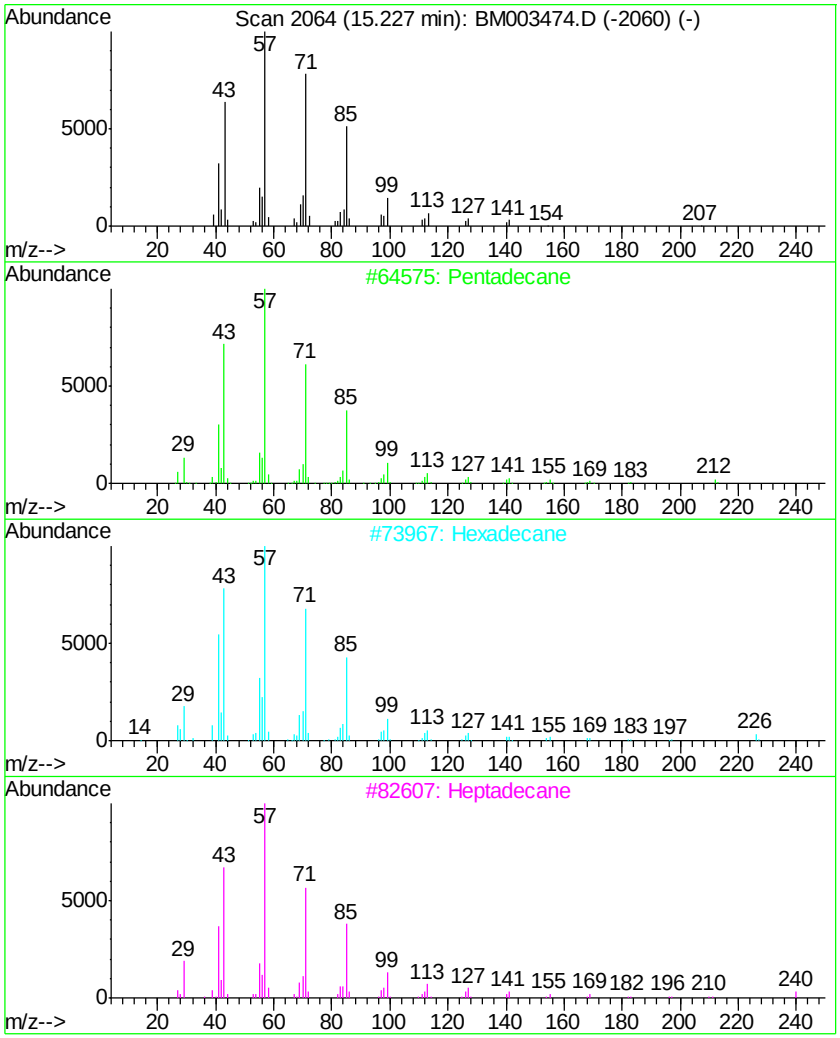
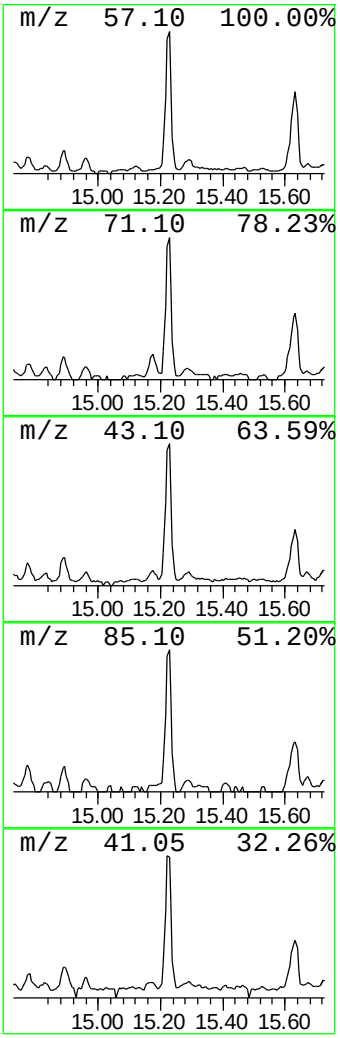
Peak Number 7 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	2.61 ng	107444	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
5	Tetracosane	338	C24H50	000646-31-1	86





Data Path : Z:\HPCHEM1\BNA M\DATA\BM121015\
Data File : BM003474.D
Acq On : 11 Dec 2015 04:10
Operator : UM/IZ
Sample : G4725-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB3(2-4)

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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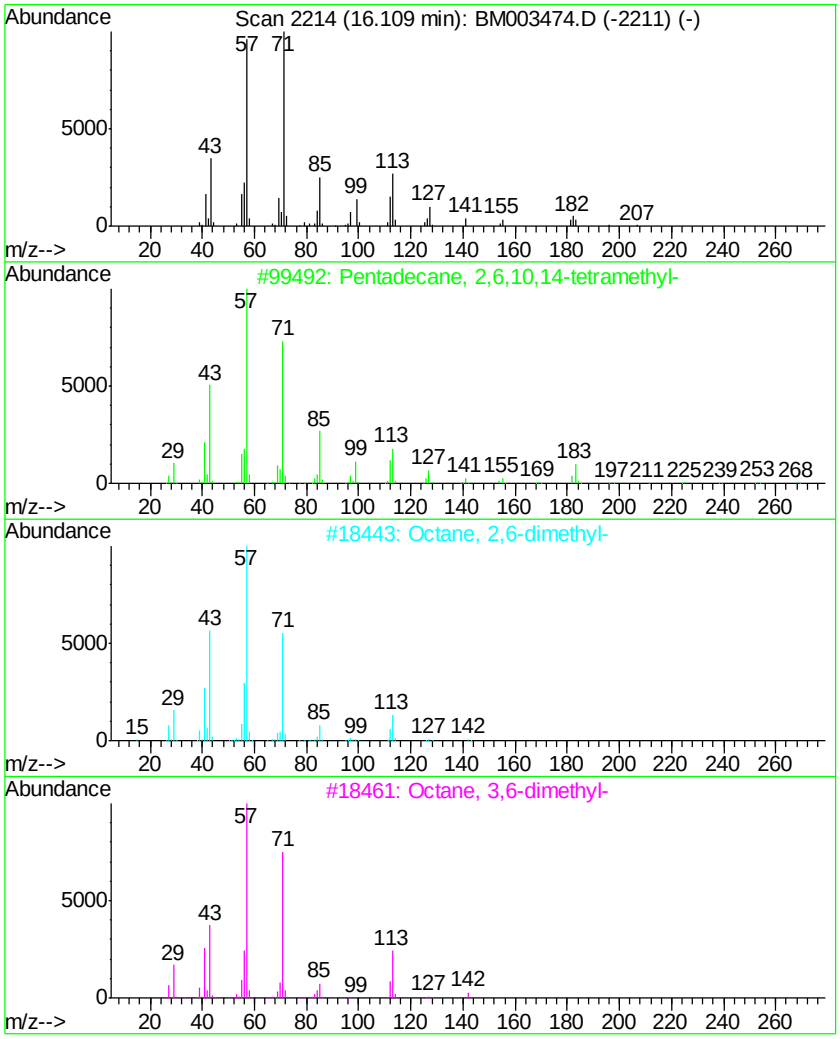
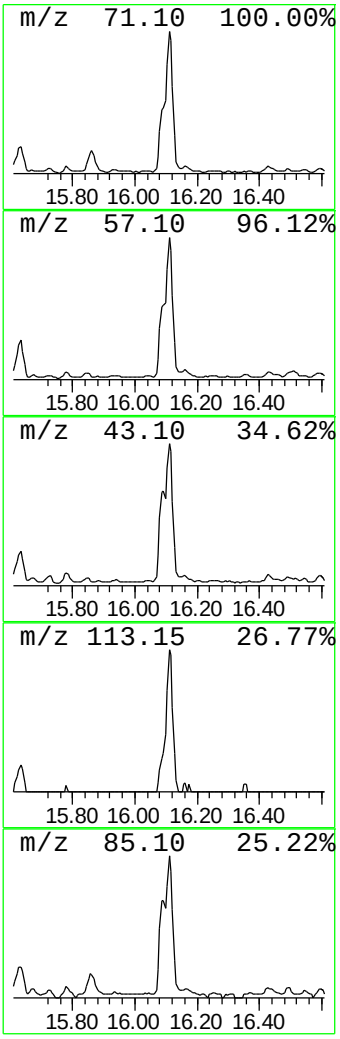
Peak Number 8 Pentadecane, 2,6,10,14-tetr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	6.47 ng	269674	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	58
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	53





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Data File : BM003474.D
Acq On : 11 Dec 2015 04:10
Operator : UM/IZ
Sample : G4725-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB3(2-4)

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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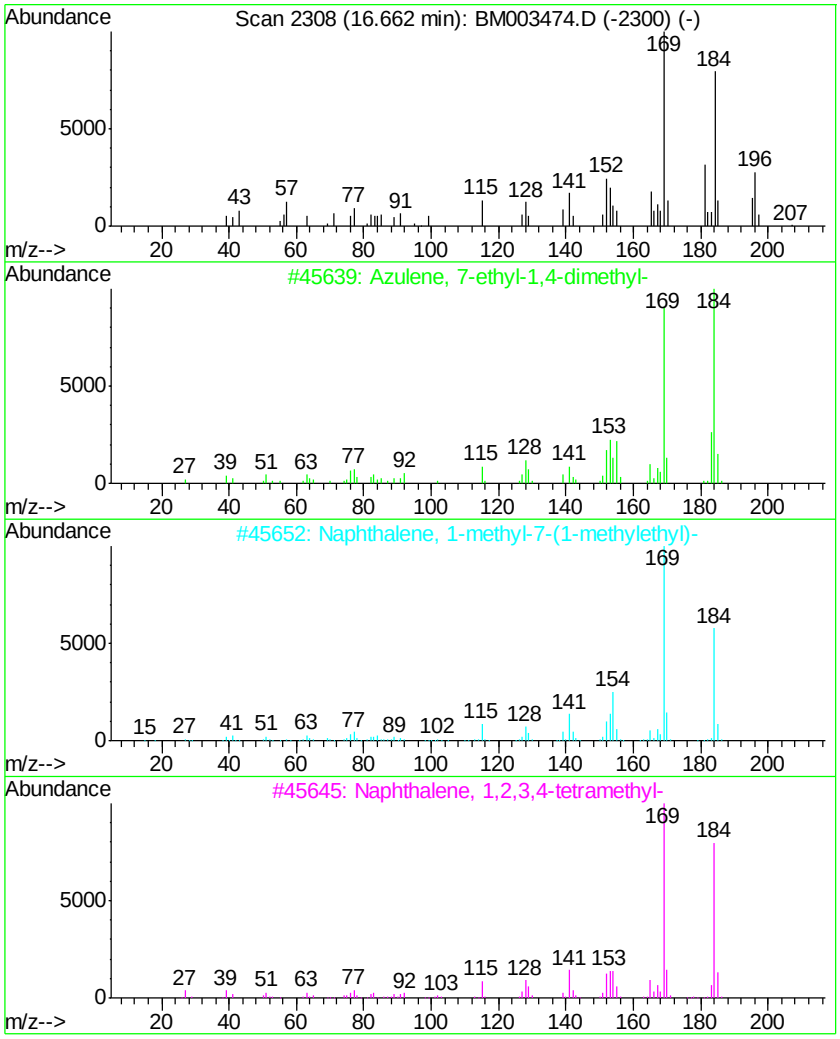
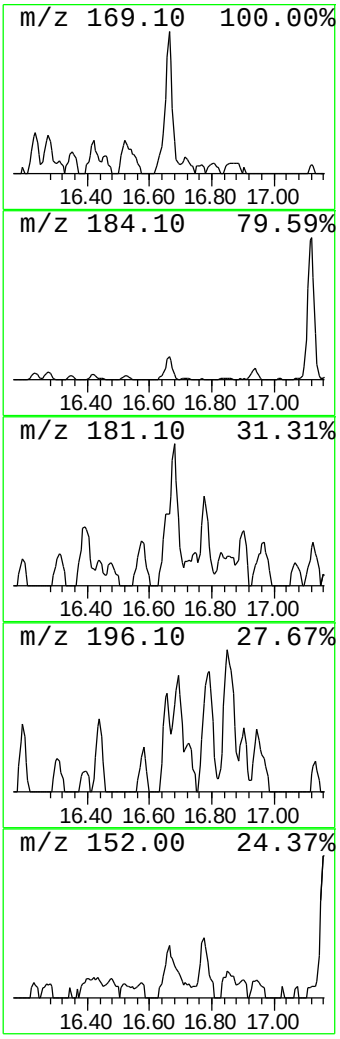
Peak Number 9 Azulene, 7-ethyl-1,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	2.46 ng	102318	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	89
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	89
3	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	89
4	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	70
5	6'-Methyl-2'-acetonaphthone	184	C13H12O	024875-94-3	58





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Acq On : 11 Dec 2015 04:10
Operator : UM/IZ
Sample : G4725-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB3(2-4)

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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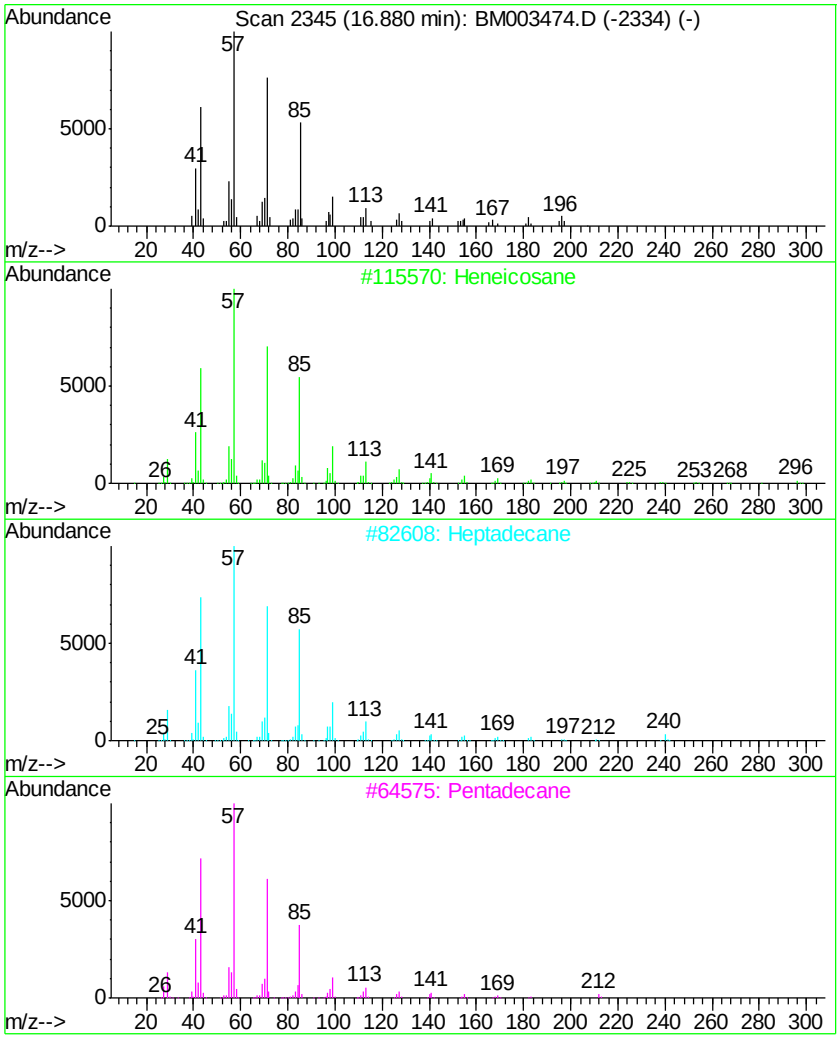
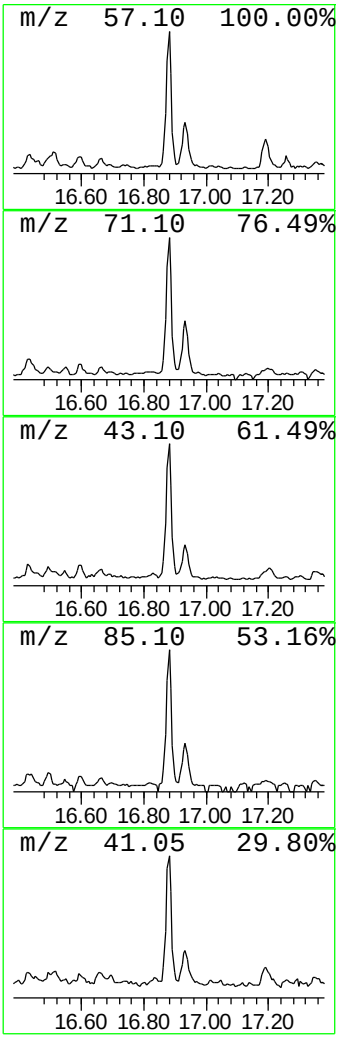
Peak Number 10 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	3.49 ng	145594	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Pentadecane	212	C15H32	000629-62-9	87
4	Hexadecane	226	C16H34	000544-76-3	87
5	Tetracosane	338	C24H50	000646-31-1	87





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Sample : G4725-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB3(2-4)

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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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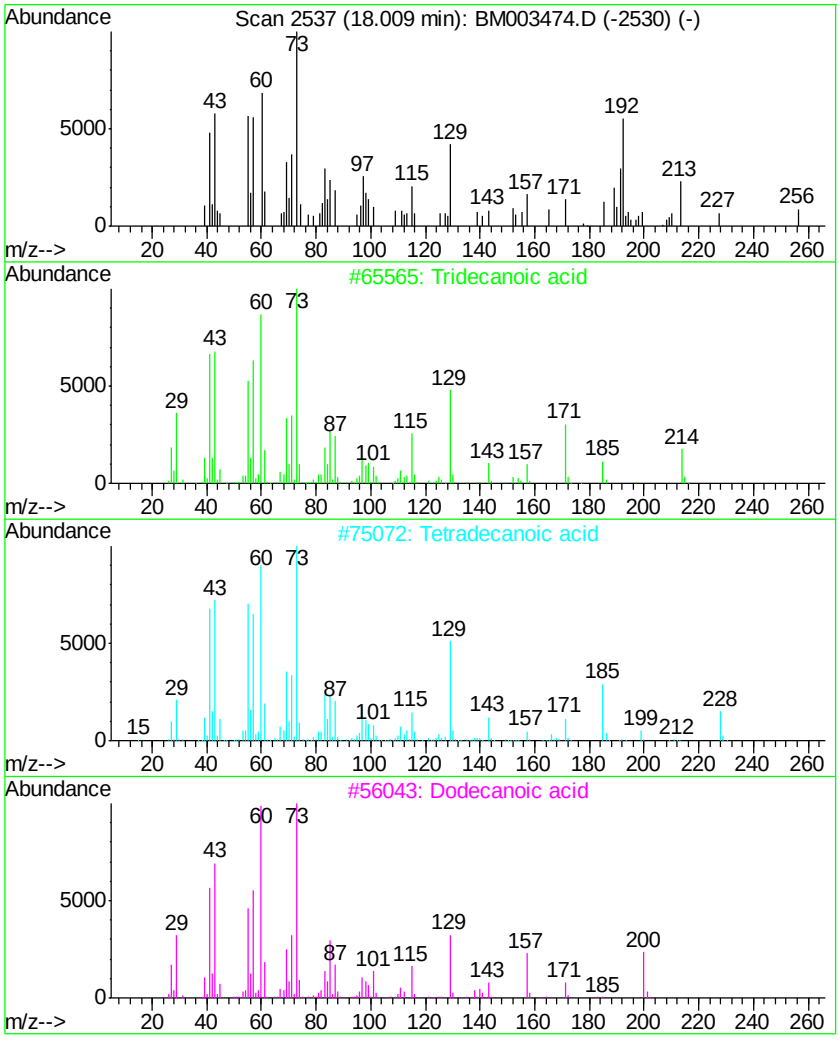
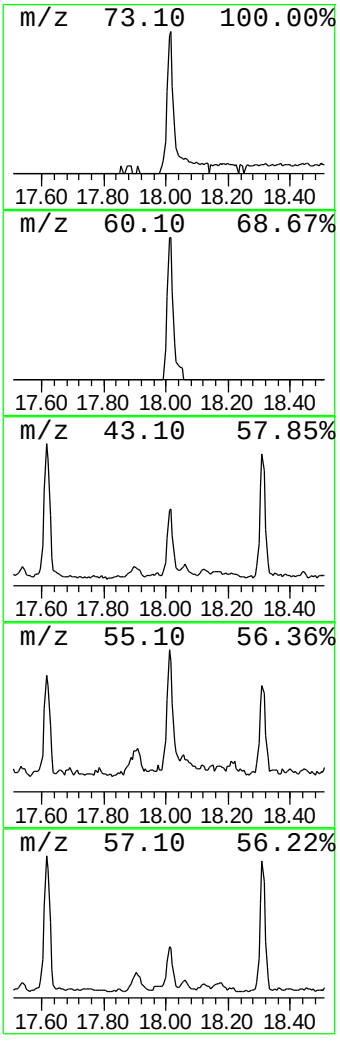
Peak Number 11 unknown18.01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	3.68 ng	153382	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	45
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	38
3	Dodecanoic acid	200	C12H24O2	000143-07-7	27
4	n-Decanoic acid	172	C10H20O2	000334-48-5	27
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	22





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Operator : UM/IZ
Sample : G4725-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB3(2-4)

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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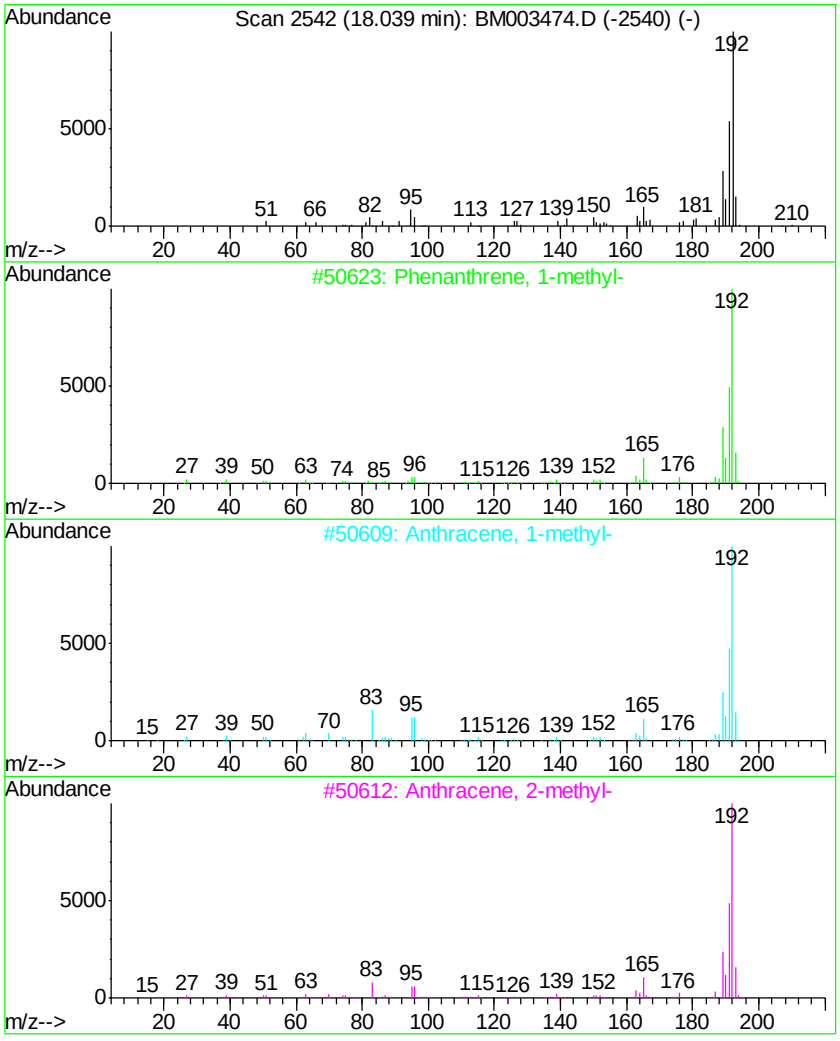
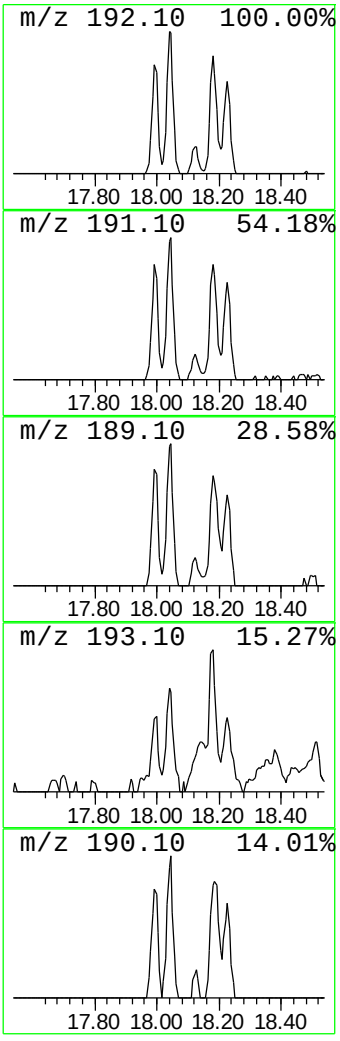
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	2.59 ng	107722	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87





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Operator : UM/IZ
Sample : G4725-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB3(2-4)

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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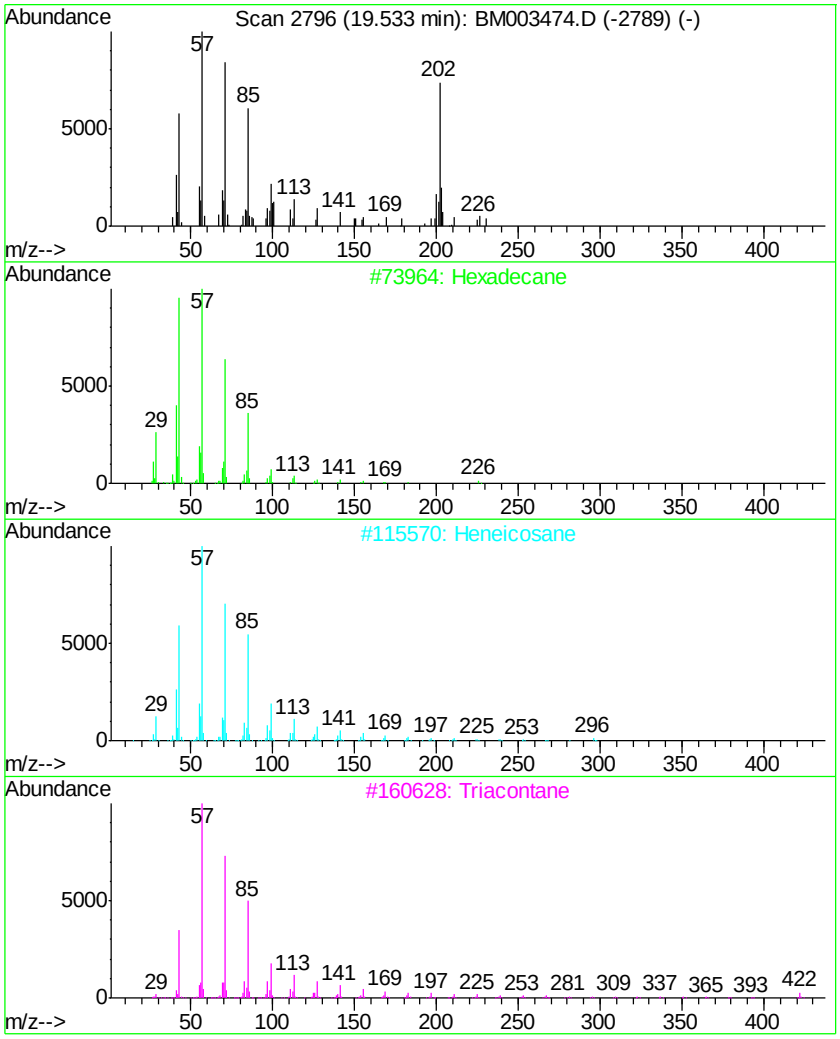
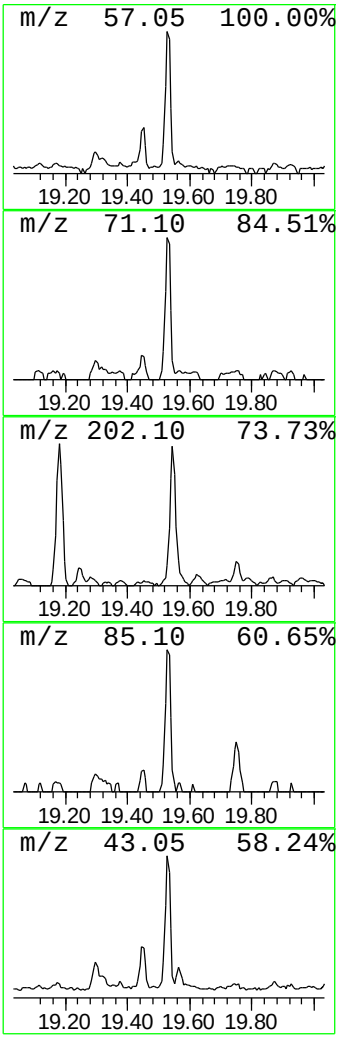
Peak Number 16 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.53	3.28 ng	163579	Chrysene-d12	21.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	89
2	Heneicosane	296	C21H44	000629-94-7	50
3	Triacontane	422	C30H62	000638-68-6	50
4	Tetracosane	338	C24H50	000646-31-1	45
5	Heptadecane	240	C17H36	000629-78-7	45





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Sample : G4725-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB3(2-4)

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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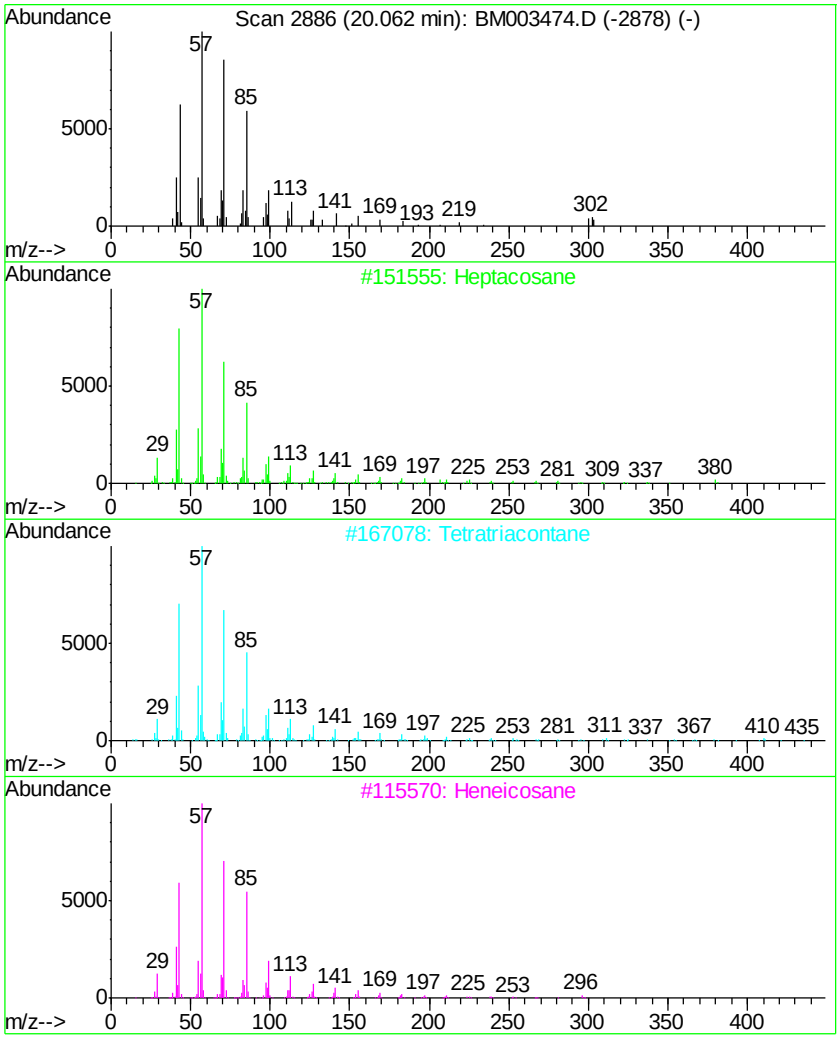
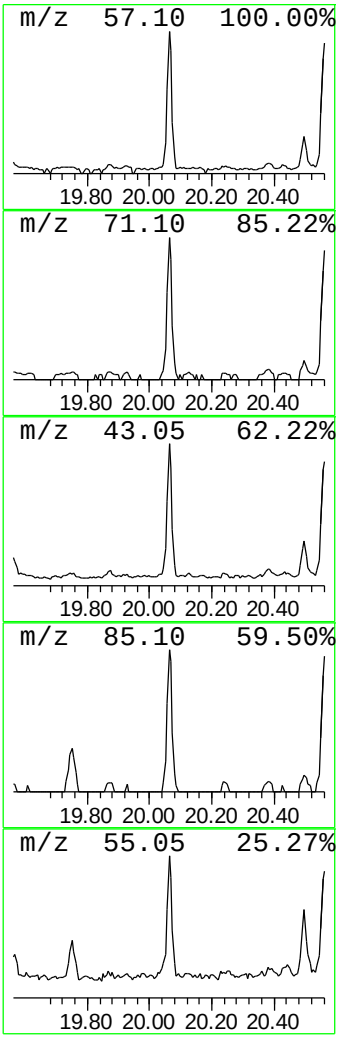
Peak Number 17 Heptacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	2.30 ng	114807	Chrysene-d12	21.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Tetratriacontane	479	C34H70	014167-59-0	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5	Triacontane	422	C30H62	000638-68-6	87





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Sample : G4725-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB3(2-4)

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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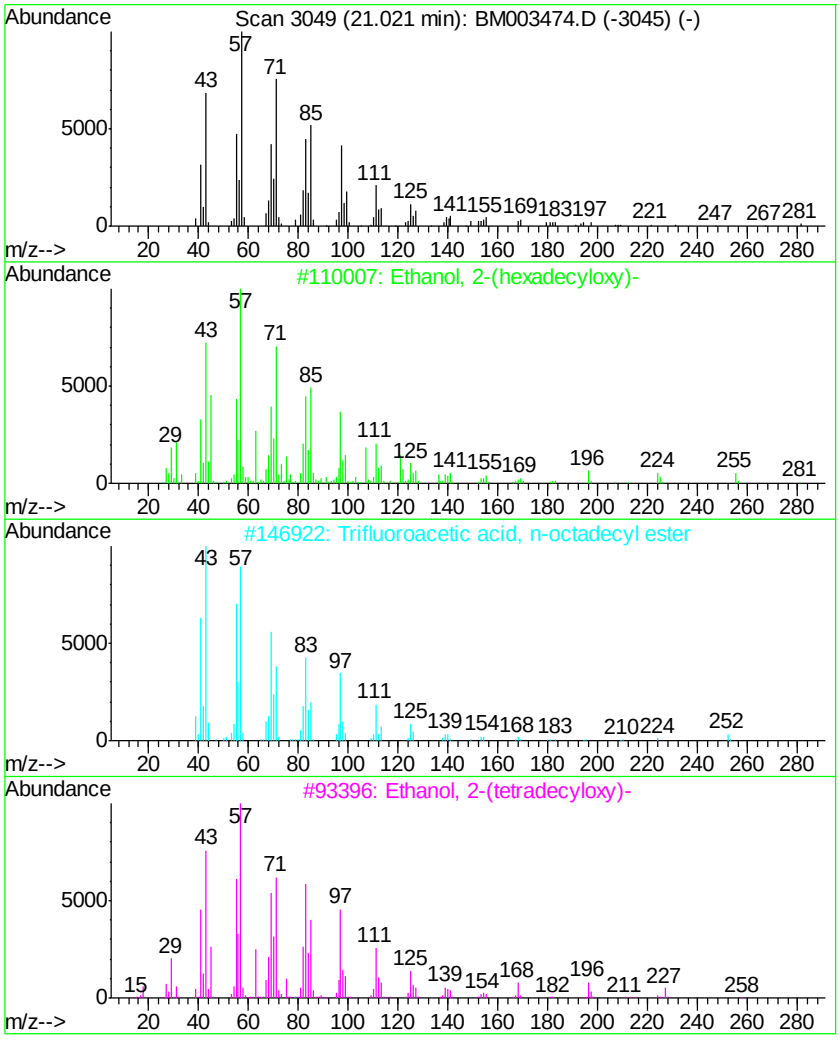
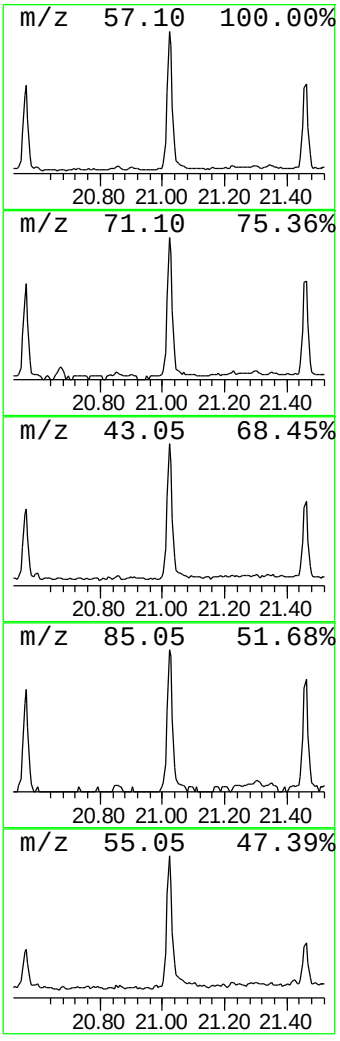
Peak Number 18 Ethanol, 2-(hexadecyloxy)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	3.26 ng	162996	Chrysene-d12	21.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	68
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	62
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	60
5	1-Octadecanol	270	C18H38O	000112-92-5	55





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Data File : BM003474.D
Acq On : 11 Dec 2015 04:10
Operator : UM/IZ
Sample : G4725-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB3(2-4)

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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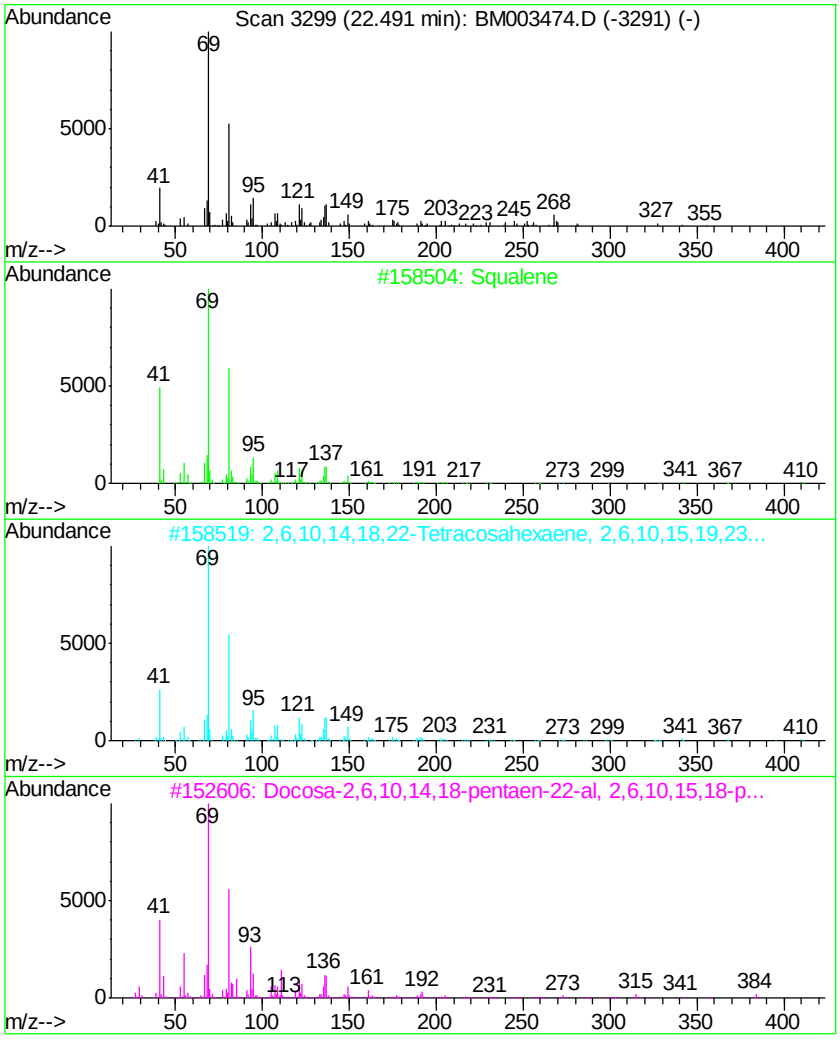
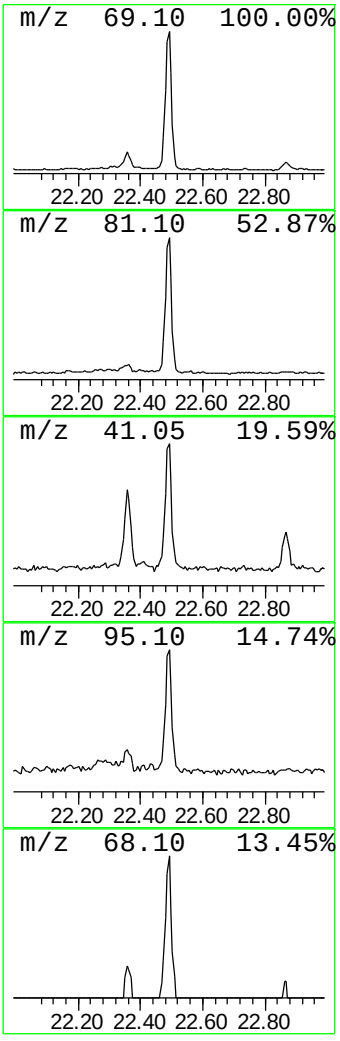
Peak Number 19 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	4.59 ng	206201	Perylene-d12	23.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	87
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	87
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	80
4	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	74
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	72





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Sample : G4725-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB3(2-4)

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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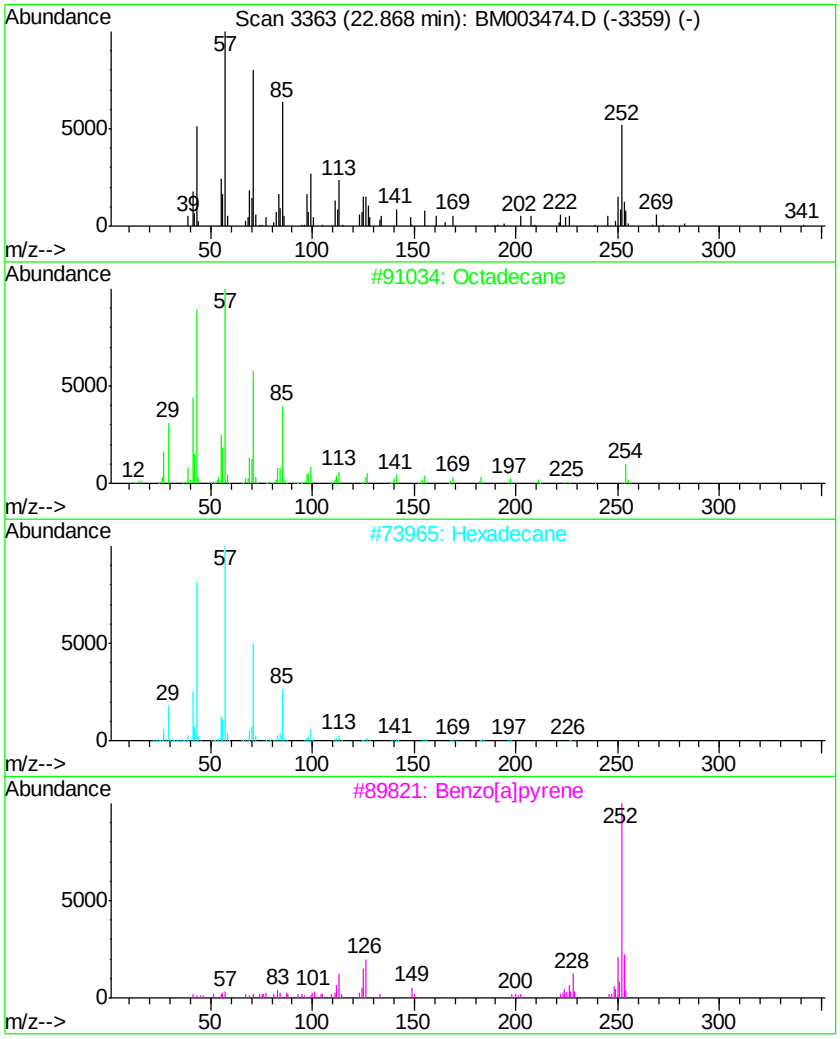
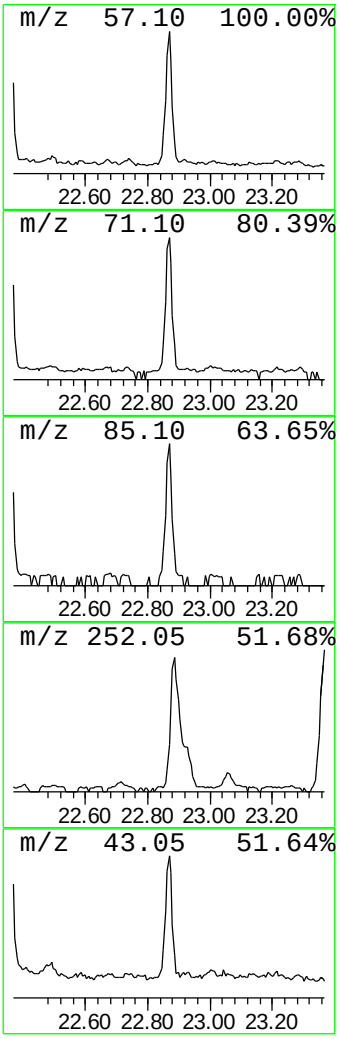
Peak Number 20 Octadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.87	2.31 ng	103751	Perylene-d12	23.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	86
2	Hexadecane	226	C16H34	000544-76-3	83
3	Benzo[a]pyrene	252	C20H12	000050-32-8	64
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	55
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121015\
Data File : BM003474.D
Acq On : 11 Dec 2015 04:10
Operator : UM/IZ
Sample : G4725-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB3(2-4)

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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
2-Pentanone, 4-hy...	4.84	22.2	ng	502342	1	7.72	452514	20.0
unknown7.26	7.26	98.7	ng	2233830	1	7.72	452514	20.0
Naphthalene, 2,3-...	13.69	2.3	ng	92379	3	14.37	822331	20.0
Eicosane	14.27	2.5	ng	102184	3	14.37	822331	20.0
Pentadecane	15.23	2.6	ng	107444	3	14.37	822331	20.0
Pentadecane, 2,6,...	16.11	6.5	ng	269674	4	17.12	833168	20.0
Azulene, 7-ethyl-...	16.66	2.5	ng	102318	4	17.12	833168	20.0
Heneicosane	16.88	3.5	ng	145594	4	17.12	833168	20.0
unknown18.01	18.01	3.7	ng	153382	4	17.12	833168	20.0
Phenanthrene, 1-m...	18.04	2.6	ng	107722	4	17.12	833168	20.0
Hexadecane	19.53	3.3	ng	163579	5	21.31	998701	20.0
Heptacosane	20.06	2.3	ng	114807	5	21.31	998701	20.0
Ethanol, 2-(hexad...	21.02	3.3	ng	162996	5	21.31	998701	20.0
Squalene	22.49	4.6	ng	206201	6	23.56	897521	20.0
Octadecane	22.87	2.3	ng	103751	6	23.56	897521	20.0