LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022435.D
Acq On : 18 Jun 2016 22:38
Operator : UM/SJ
Sample : H3471-19
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1120-(0-4)

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_G\METHODS\8270-BG060616.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	2.870	3	5	26	rVB	1022747	1444548	98.34%	6.892%
2	5.102	379	385	392	rBV2	23835	46418	3.16%	0.221%
3	5.602	463	470	483	rBV	384945	742376	50.54%	3.542%
4	7.229	739	747	762	rBV	421798	859674	58.53%	4.102%
5	7.582	798	807	826	rBV	486261	940286	64.01%	4.486%
6	8.040	875	885	894	rBV	114705	207932	14.16%	0.992%
7	8.363	933	940	951	rBV	364855	709731	48.32%	3.386%
8	9.215	1076	1085	1098	rBV	250843	528220	35.96%	2.520%
9	9.368	1107	1111	1121	rVB7	7227	16273	1.11%	0.078%
10	10.860	1357	1365	1382	rBV	184229	377012	25.67%	1.799%
11	13.299	1773	1780	1793	rBV	833241	1468864	100.00%	7.008%
12	14.056	1904	1909	1913	rVV3	9212	14904	1.01%	0.071%
13	14.127	1915	1921	1935	rVB	133278	227836	15.51%	1.087%
14	14.409	1961	1969	1976	rBV2	25983	57685	3.93%	0.275%
15	14.544	1987	1992	1999	rVB	14899	22927	1.56%	0.109%
16	14.679	2006	2015	2022	rBV2	283108	499598	34.01%	2.384%
17	14.744	2022	2026	2032	rVB2	12144	22217	1.51%	0.106%
18	15.079	2079	2083	2092	rVV2	9076	17080	1.16%	0.081%
19	15.496	2150	2154	2158	rVB3	21919	29934	2.04%	0.143%
20	15.725	2187	2193	2200	rVB3	11515	24461	1.67%	0.117%
21	16.172	2262	2269	2287	rBV	483915	818475	55.72%	3.905%
22	16.360	2295	2301	2308	rBV5	21972	52064	3.54%	0.248%
23	17.082	2420	2424	2430	rVB2	14073	24440	1.66%	0.117%
24	17.147	2430	2435	2441	rBV2	20129	34975	2.38%	0.167%
25	17.423	2476	2482	2486	rBV	298399	492027	33.50%	2.348%
26	17.470	2486	2490	2496	rVV	176206	302482	20.59%	1.443%
27	17.558	2500	2505	2510	rVV	36191	59952	4.08%	0.286%
28	17.776	2536	2542	2547	rBV3	29895	53522	3.64%	0.255%
29	17.840	2549	2553	2558	rVV3	18391	42721	2.91%	0.204%
30	17.881	2558	2560	2565	rVB5	12664	16379	1.12%	0.078%
31	18.011	2578	2582	2587	rVB7	10017	16550	1.13%	0.079%
32	18.299	2626	2631	2635	rBV	39673	64212	4.37%	0.306%
33	18.346	2635	2639	2646	rVB3	48949	86497	5.89%	0.413%
34	18.428	2646	2653	2658	rBV3	18662	36830	2.51%	0.176%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022435.D
Acq On : 18 Jun 2016 22:38
Operator : UM/SJ
Sample : H3471-19
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1120-(0-4)

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_G\METHODS\8270-BG060616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.492	2658	2664	2668	rBV3	55753	116673	7.94%	0.557%
36	18.792	2710	2715	2719	rBV	25114	42066	2.86%	0.201%
37	18.845	2719	2724	2730	rVB	31384	56613	3.85%	0.270%
38	19.033	2747	2756	2760	rBV9	15971	35793	2.44%	0.171%
39	19.086	2761	2765	2768	rVB	14627	18550	1.26%	0.089%
40	19.139	2768	2774	2780	rBV5	30263	62556	4.26%	0.298%
41	19.203	2780	2785	2790	rBV3	43808	80787	5.50%	0.385%
42	19.262	2790	2795	2798	rVV6	15254	31346	2.13%	0.150%
43	19.291	2798	2800	2805	rVB6	18263	22194	1.51%	0.106%
44	19.356	2806	2811	2816	rVV3	33003	56929	3.88%	0.272%
45	19.474	2825	2831	2837	rBV	575875	889425	60.55%	4.244%
46	19.568	2844	2847	2850	rVB4	13658	16419	1.12%	0.078%
47	19.621	2852	2856	2860	rBV	21663	33107	2.25%	0.158%
48	19.697	2865	2869	2879	rVV3	68420	122657	8.35%	0.585%
49	19.803	2880	2887	2888	rVV2	92120	139871	9.52%	0.667%
50	19.838	2888	2893	2900	rVV	536580	858223	58.43%	4.095%
51	19.897	2900	2903	2910	rVB3	30883	51485	3.51%	0.246%
52	20.020	2918	2924	2930	rBV	975450	1423276	96.90%	6.791%
53	20.155	2941	2947	2954	rBV5	55463	129506	8.82%	0.618%
54	20.302	2964	2972	2981	rBV4	80563	243356	16.57%	1.161%
55	20.420	2988	2992	2996	rBV2	36092	57594	3.92%	0.275%
56	20.478	2997	3002	3006	rVB2	53123	96295	6.56%	0.459%
57	20.572	3013	3018	3022	rBV6	23453	44077	3.00%	0.210%
58	20.619	3022	3026	3030	rVV2	44996	81283	5.53%	0.388%
59	20.660	3031	3033	3038	rVV2	43016	69539	4.73%	0.332%
60	20.731	3042	3045	3052	rVB4	44249	69062	4.70%	0.330%
61	21.083	3102	3105	3118	rVB	66412	125179	8.52%	0.597%
62	21.266	3133	3136	3138	rBV3	37391	52833	3.60%	0.252%
63	21.301	3138	3142	3148	rVV3	123258	211674	14.41%	1.010%
64	21.360	3148	3152	3157	rVV2	62475	106872	7.28%	0.510%
65	21.424	3159	3163	3168	rVB2	69140	109150	7.43%	0.521%
66	21.548	3181	3184	3190	rVB	40861	60146	4.09%	0.287%
67	21.689	3200	3208	3213	rBV2	396661	1138684	77.52%	5.433%
68	21.736	3213	3216	3229	rVB	256997	467983	31.86%	2.233%
69	21.888	3239	3242	3247	rVB2	42902	62998	4.29%	0.301%
70	23.487	3508	3514	3530	rVB6	114495	299946	20.42%	1.431%
71	23.921	3577	3588	3599	rBV3	348360	1417900	96.53%	6.765%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022435.D
Acq On : 18 Jun 2016 22:38
Operator : UM/SJ
Sample : H3471-19
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1120-(0-4)

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_G\METHODS\8270-BG060616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	24.638	3702	3710	3720	rVB2	115714	371356	25.28%	1.772%
73	24.785	3727	3735	3746	rVB2	154552	459142	31.26%	2.191%
74	24.932	3754	3760	3769	rVB2	97545	254502	17.33%	1.214%
75	25.995	3931	3941	3951	rVB3	179326	613341	41.76%	2.926%

Sum of corrected areas: 20959490

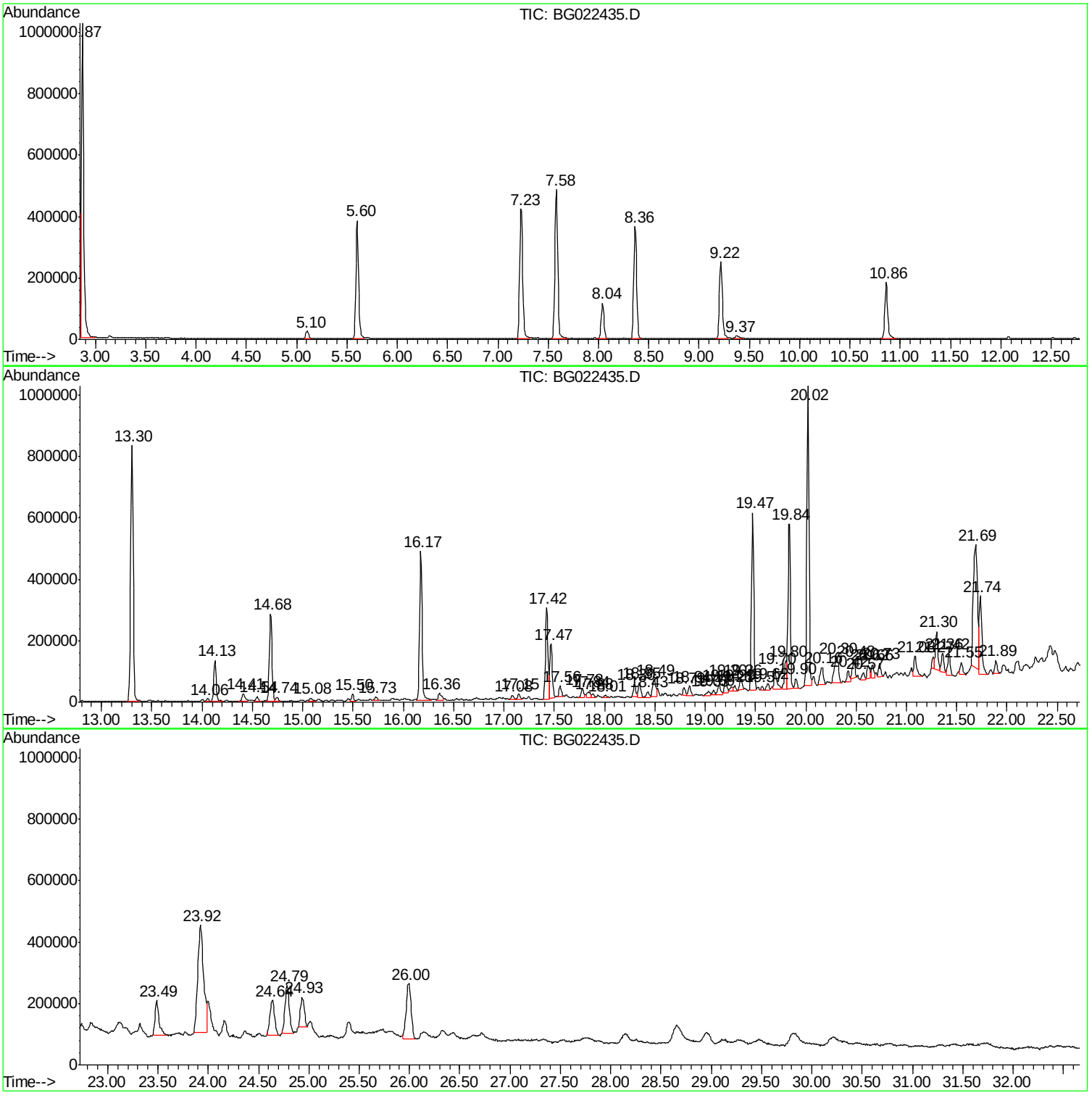
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022435.D
Acq On : 18 Jun 2016 22:38
Operator : UM/SJ
Sample : H3471-19
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1120-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022435.D
Acq On : 18 Jun 2016 22:38
Operator : UM/SJ
Sample : H3471-19
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1120-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

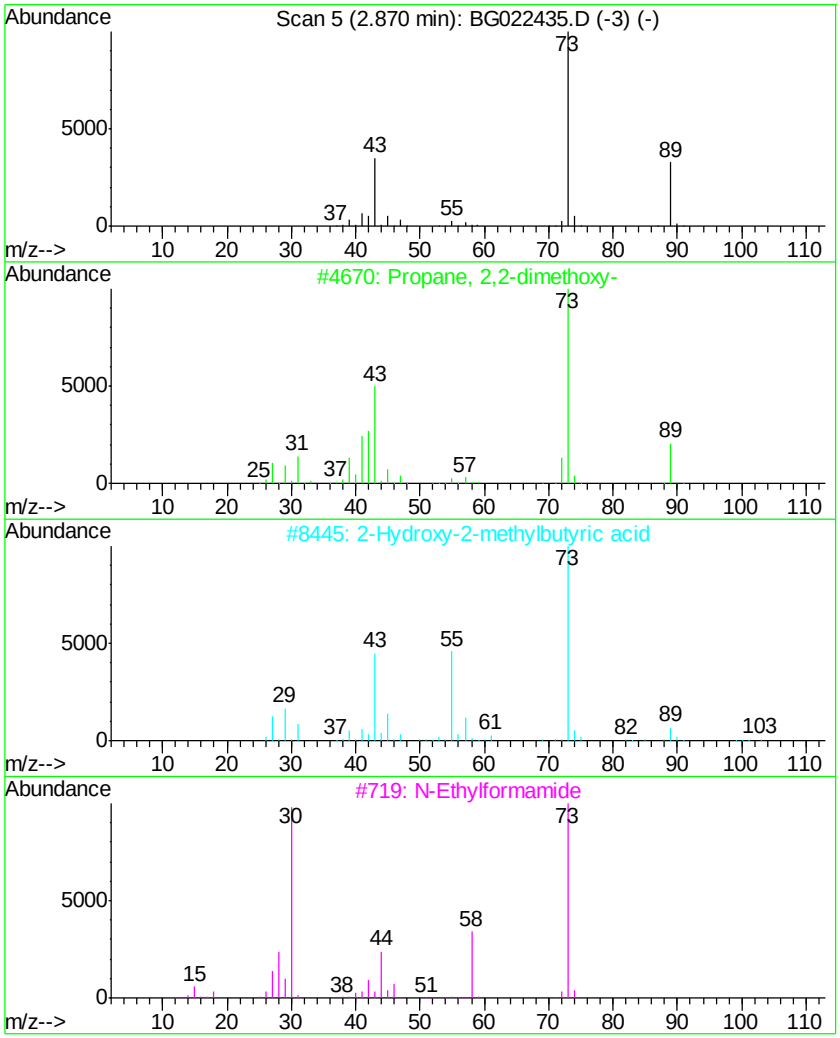
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

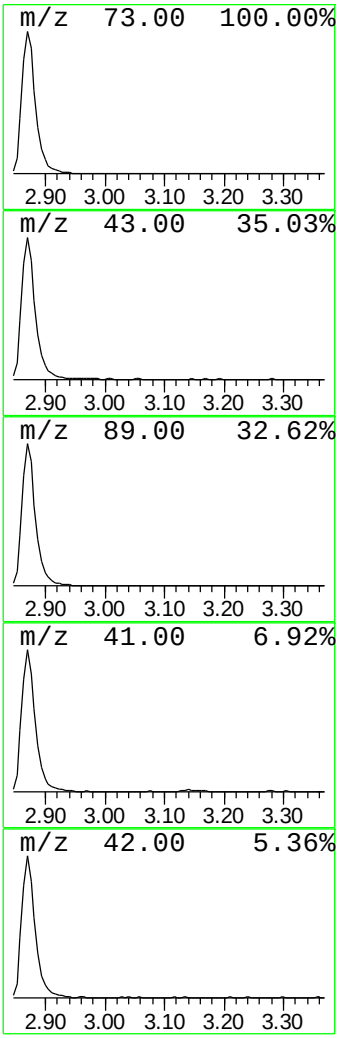
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	138.94 ng	1444550	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	50
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	7
4	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7
5	1,3,5-Trioxane	90	C3H6O3	000110-88-3	4





Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022435.D
Acq On : 18 Jun 2016 22:38
Operator : UM/SJ
Sample : H3471-19
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1120-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

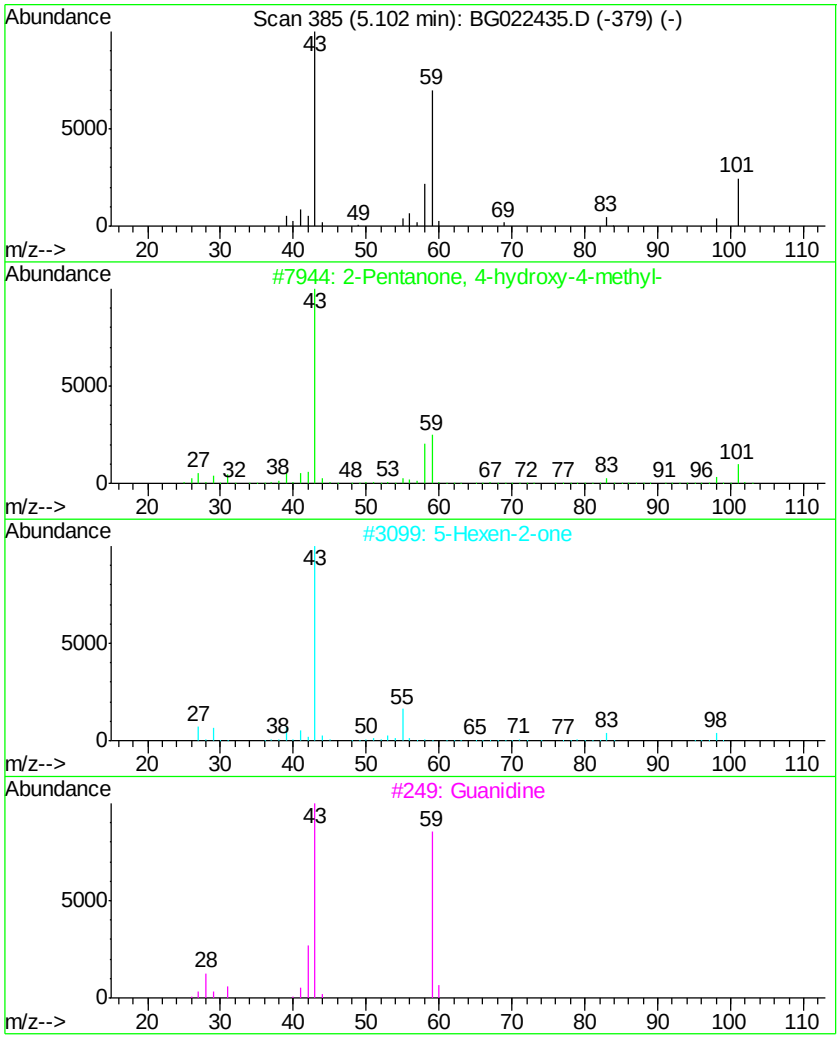
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

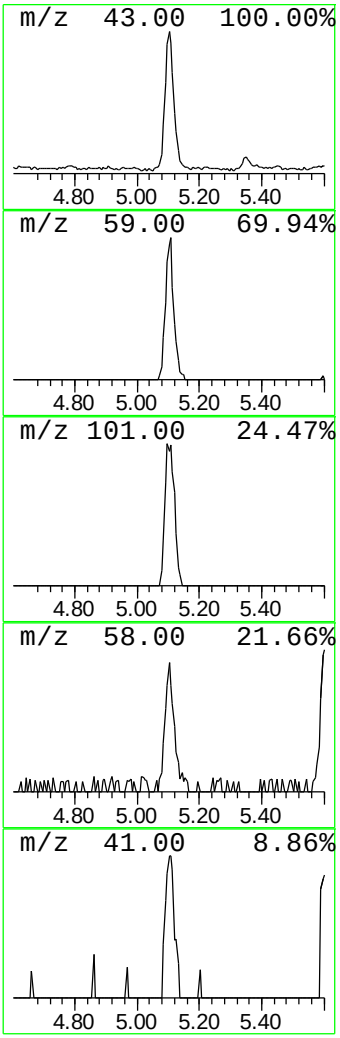
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	4.46 ng	46418	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	Guanidine	59	CH5N3	000113-00-8	9
4	2-Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	9
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022435.D
Acq On : 18 Jun 2016 22:38
Operator : UM/SJ
Sample : H3471-19
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1120-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

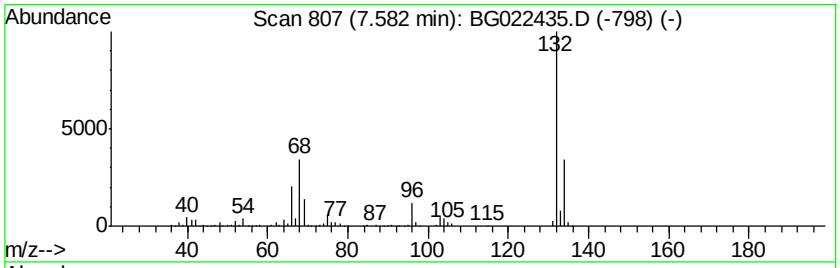
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

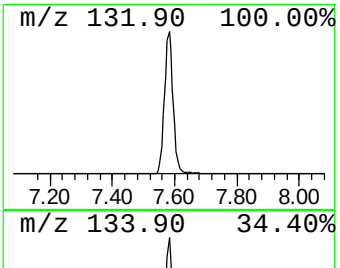
****

Peak Number 3 unknown7.58 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	90.44 ng	940286	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022435.D
Acq On : 18 Jun 2016 22:38
Operator : UM/SJ
Sample : H3471-19
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1120-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

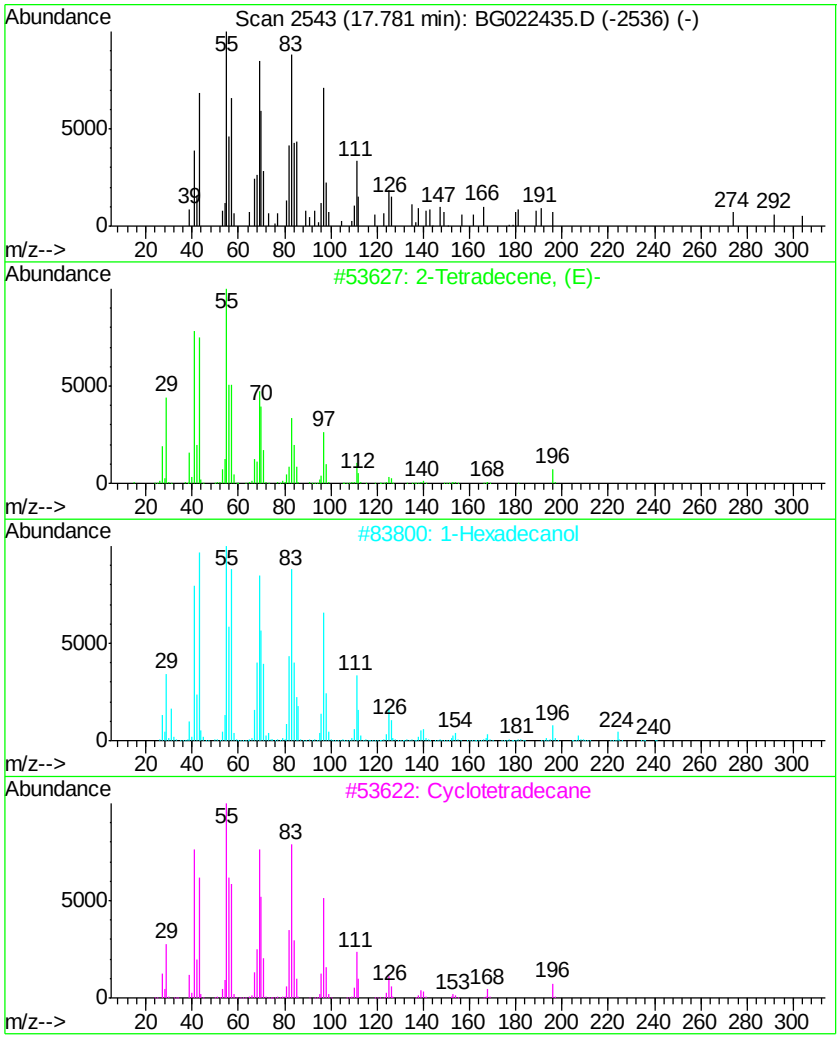
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

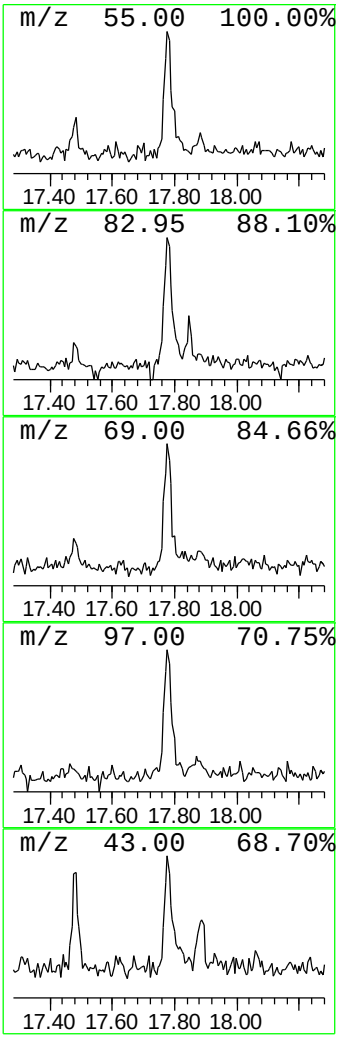
****

Peak Number 5 2-Tetradecene, (E)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	2.18 ng	53522	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tetradecene, (E)-	196	C14H28	035953-53-8	97
2	1-Hexadecanol	242	C16H34O	036653-82-4	94
3	Cyclotetradecane	196	C14H28	000295-17-0	93
4	5-Tetradecene, (E)-	196	C14H28	041446-66-6	91
5	Chloroacetic acid, pentadecyl ester	304	C17H33ClO2	070301-47-2	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022435.D
Acq On : 18 Jun 2016 22:38
Operator : UM/SJ
Sample : H3471-19
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1120-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

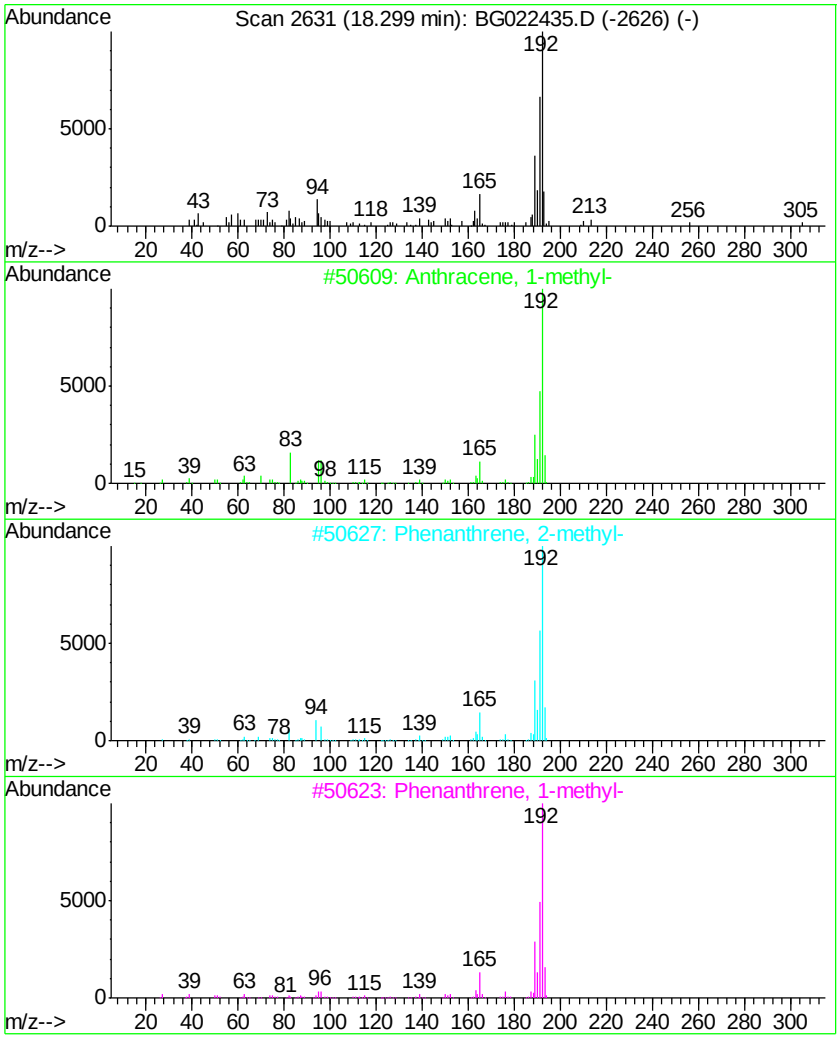
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

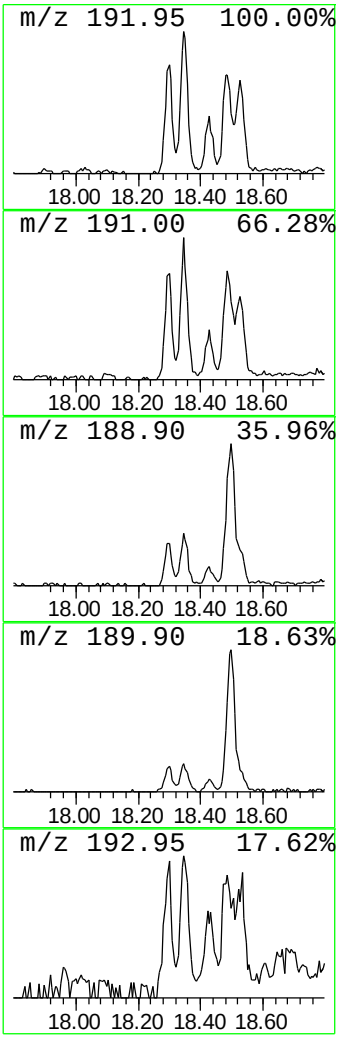
****

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	2.61 ng	64212	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	81





Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022435.D
Acq On : 18 Jun 2016 22:38
Operator : UM/SJ
Sample : H3471-19
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1120-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

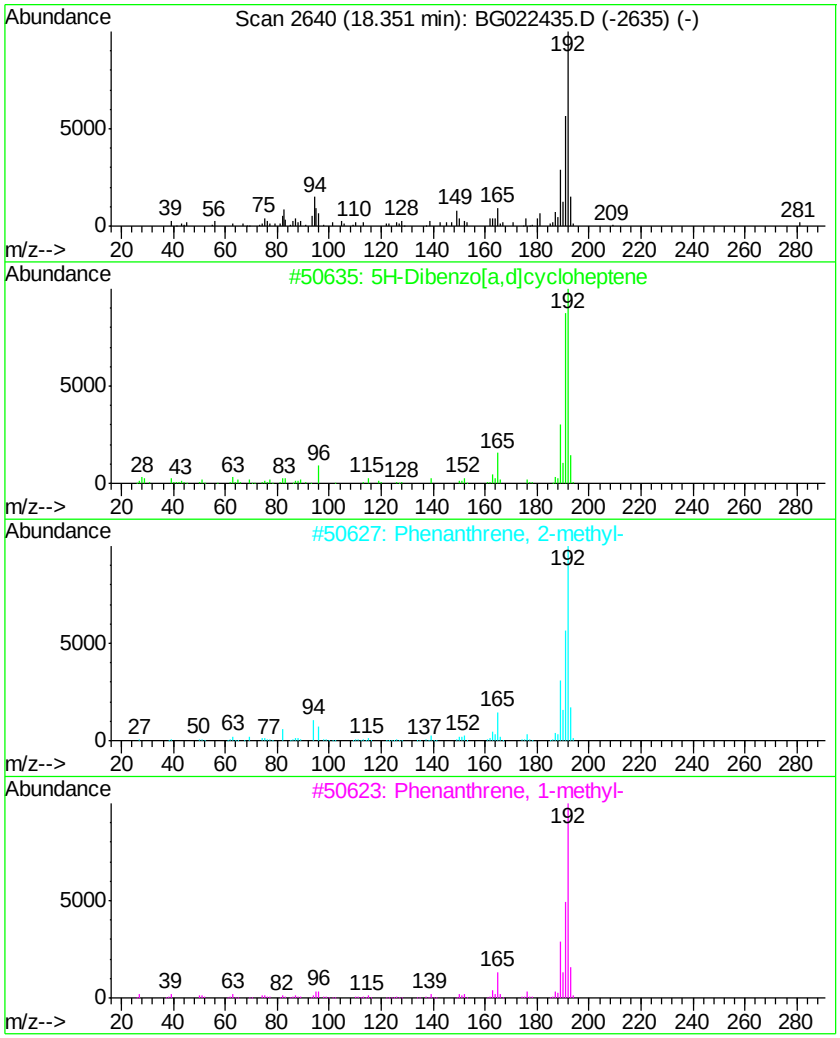
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

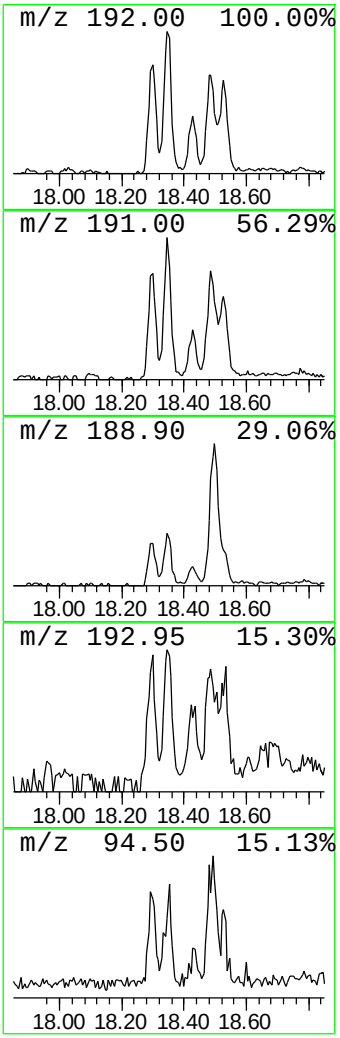
****

Peak Number 7 5H-Dibenzo[a,d]cycloheptene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	3.52 ng	86497	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76





Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022435.D
Acq On : 18 Jun 2016 22:38
Operator : UM/SJ
Sample : H3471-19
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1120-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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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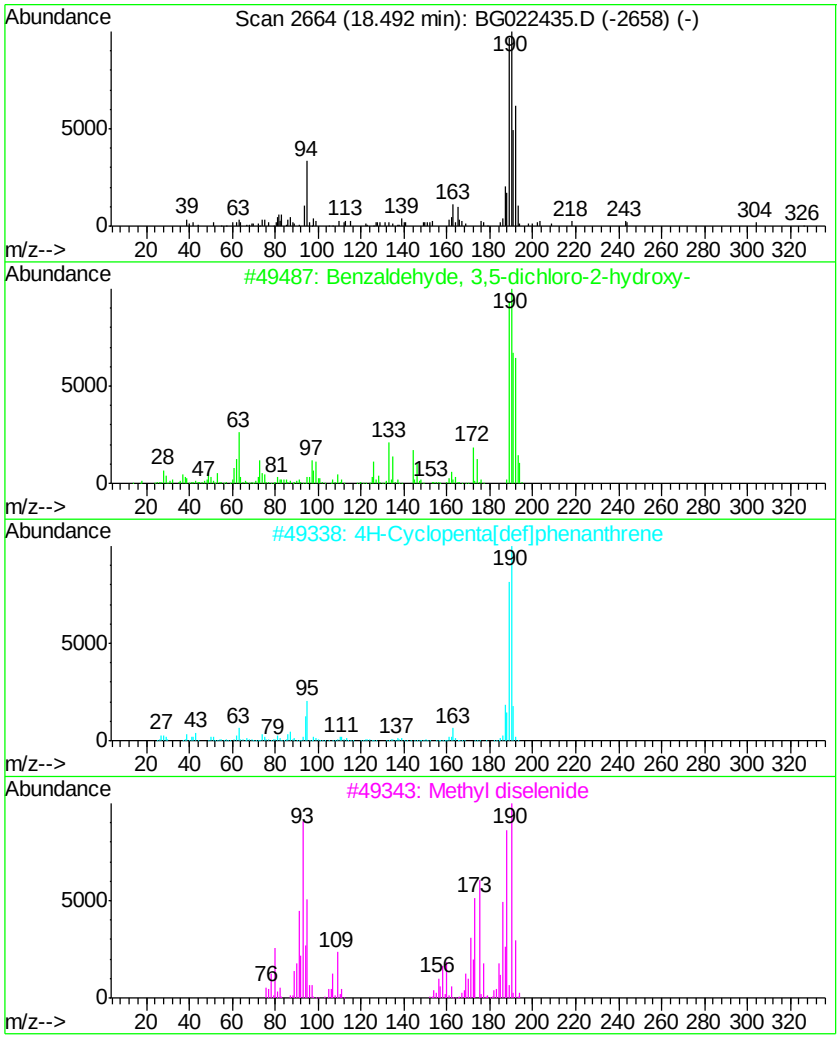
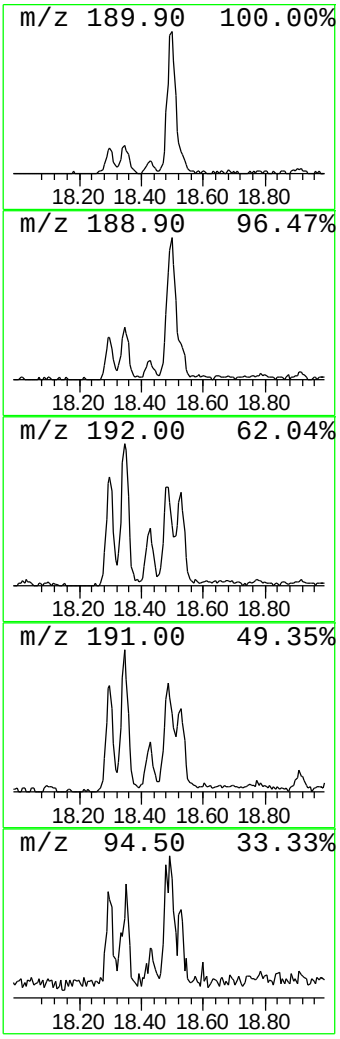
Peak Number 8 Benzaldehyde, 3,5-dichloro-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	4.74 ng	116673	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	Methyl diselenide	190	C2H6Se2	007101-31-7	38
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	30





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Acq On : 18 Jun 2016 22:38
Operator : UM/SJ
Sample : H3471-19
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1120-(0-4)

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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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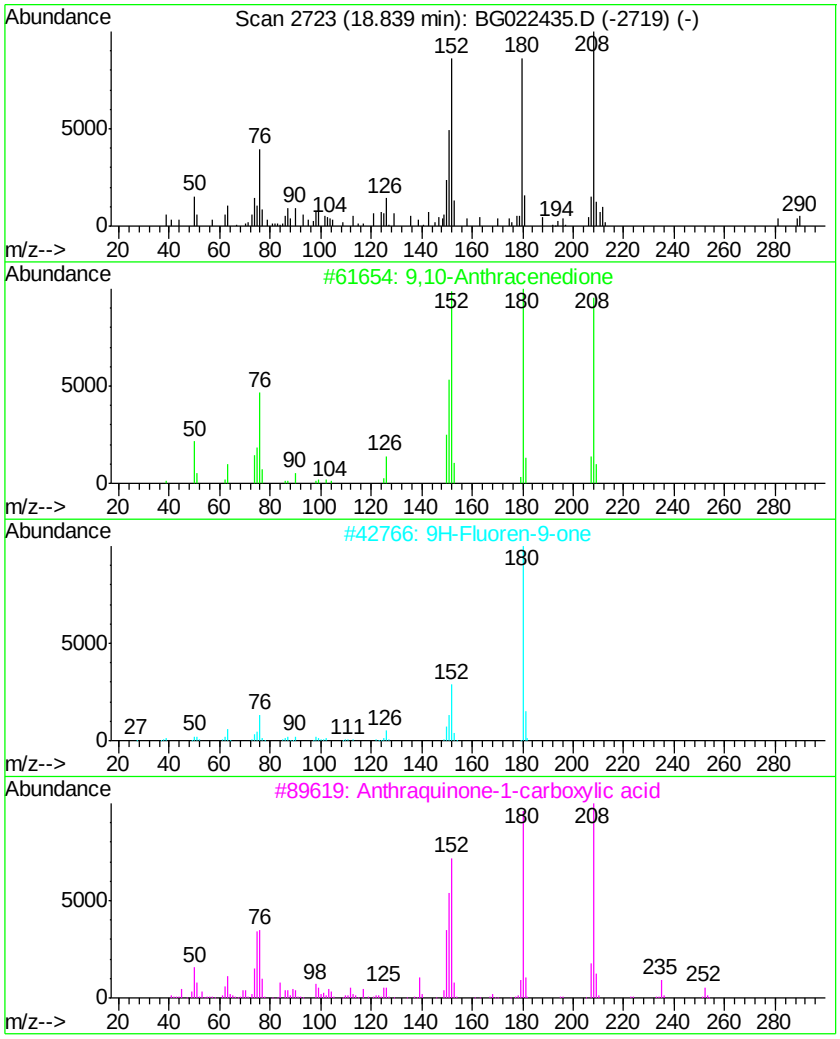
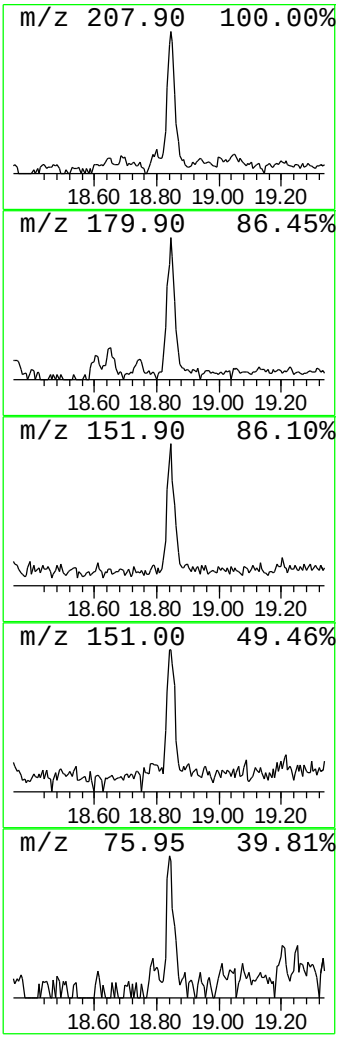
Peak Number 9 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	2.30 ng	56613	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	Anthraquinone-1-carboxylic acid	252	C15H8O4	000602-69-7	90
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60





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ClientSampleId : STA-1120-(0-4)

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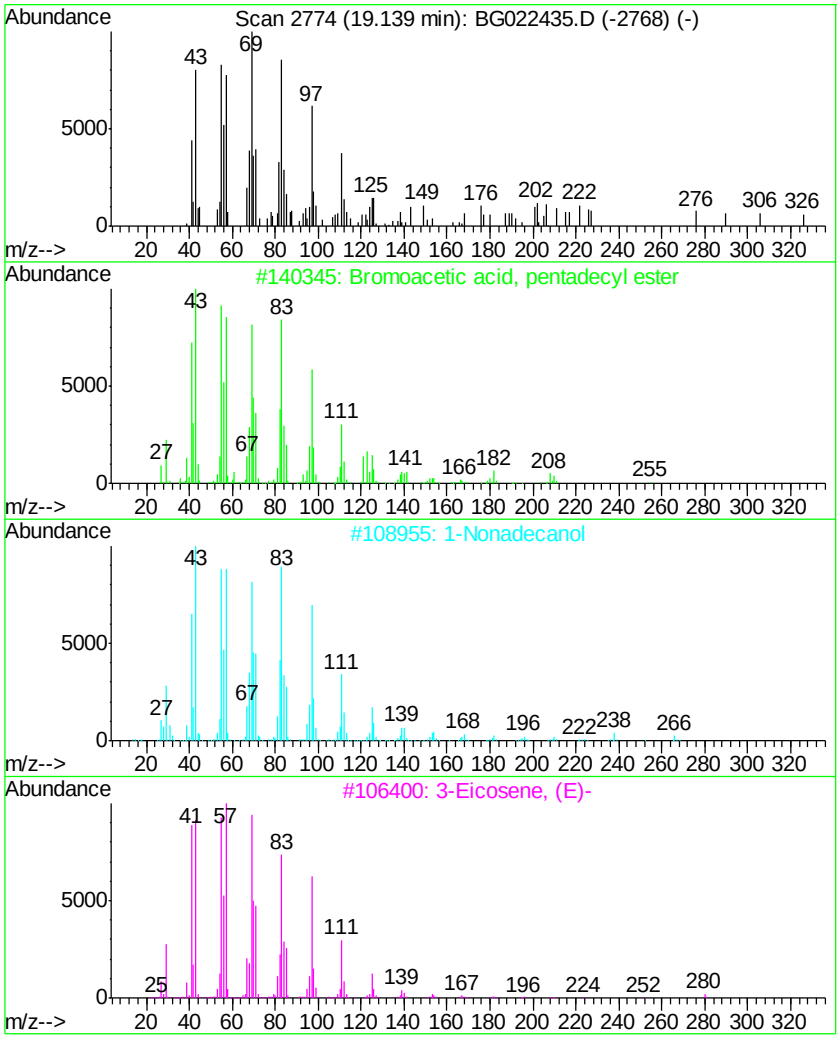
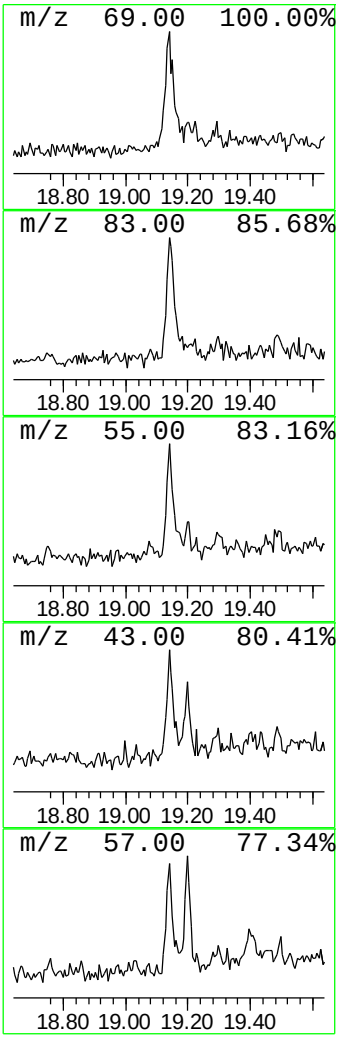
Peak Number 10 Bromoacetic acid, pentadecy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	2.54 ng	62556	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	70
2	1-Nonadecanol	284	C19H40O	001454-84-8	68
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	64
4	1-Nonadecene	266	C19H38	018435-45-5	64
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	64





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ClientSampleId : STA-1120-(0-4)

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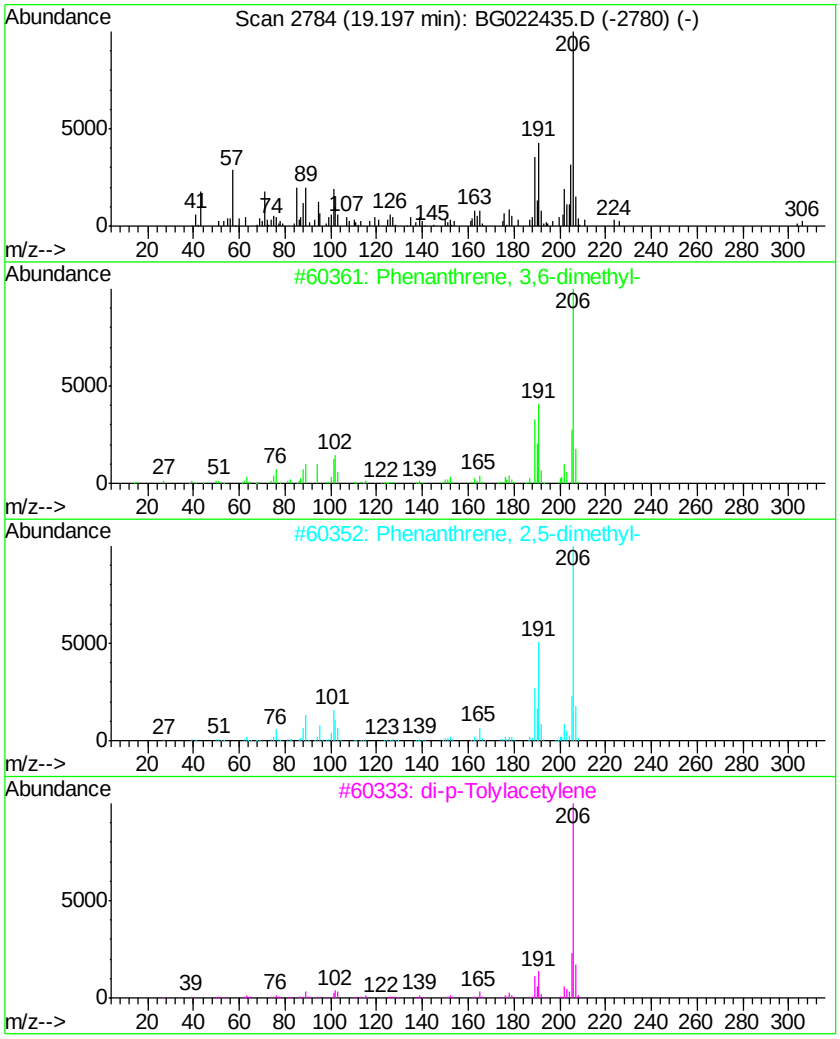
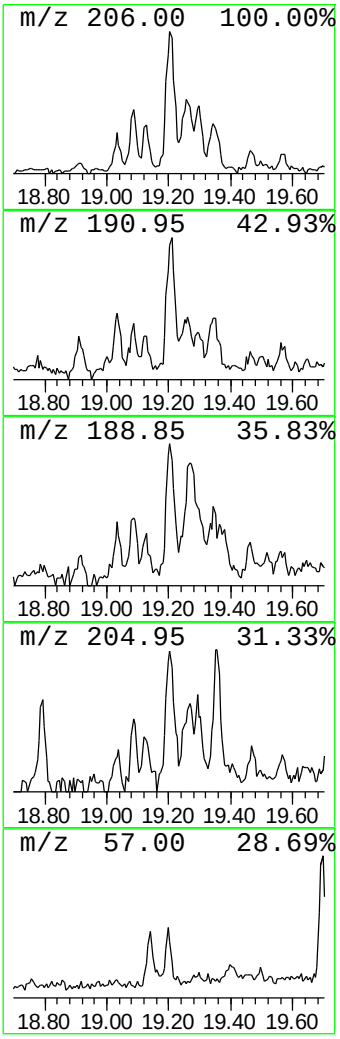
Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	3.28 ng	80787	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	98
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	90





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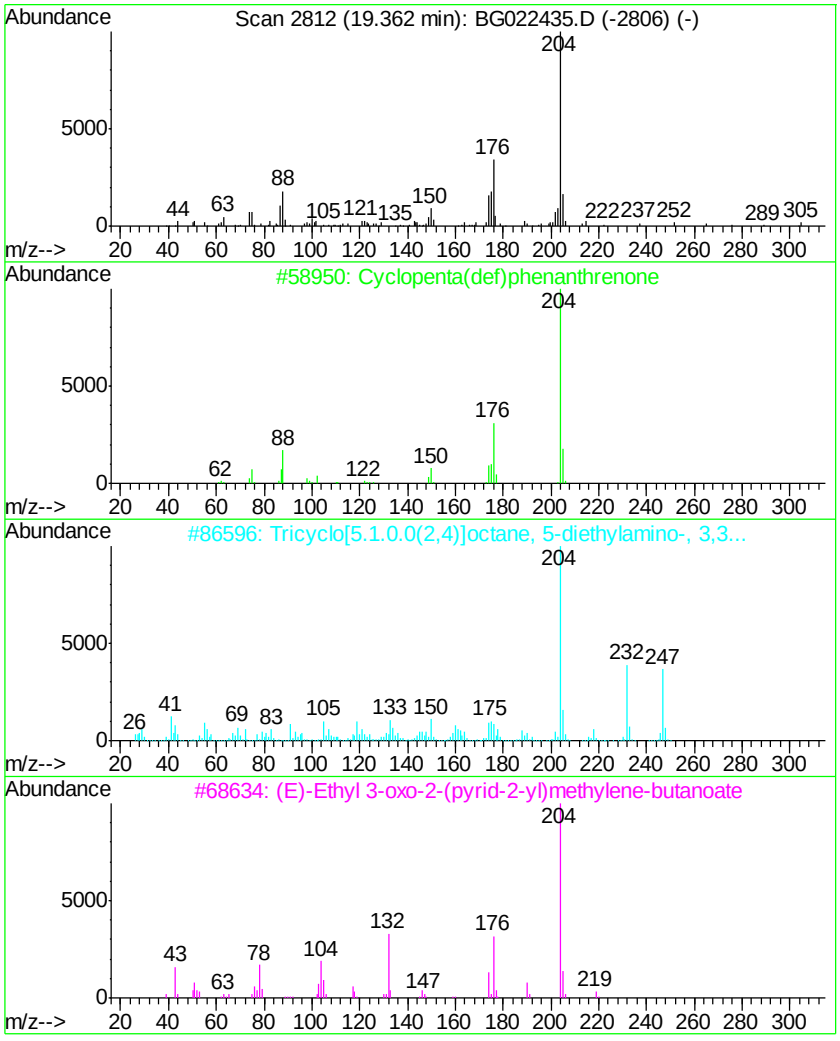
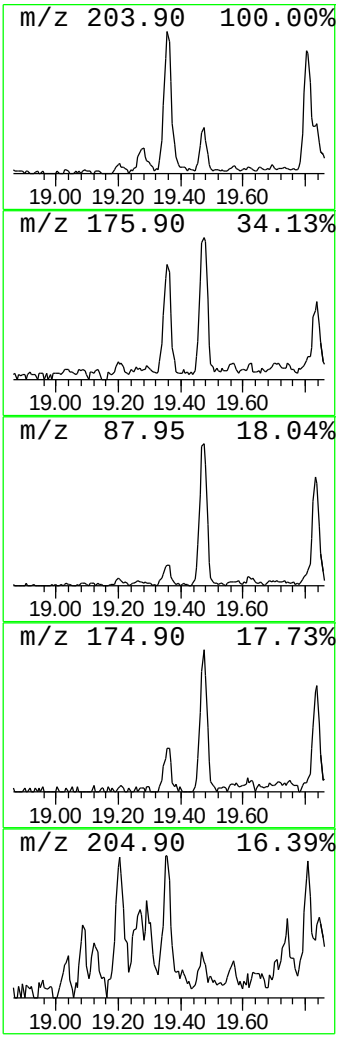
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	2.31 ng	56929	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	59
3	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	59
4	3'-Carboxybenzo[1',2',-b]-1,4-di...	204	C11H12N2O2	138023-41-3	53
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53





Library Search Compound Report

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TIC Library : C:\DATABASE\NIST02.L
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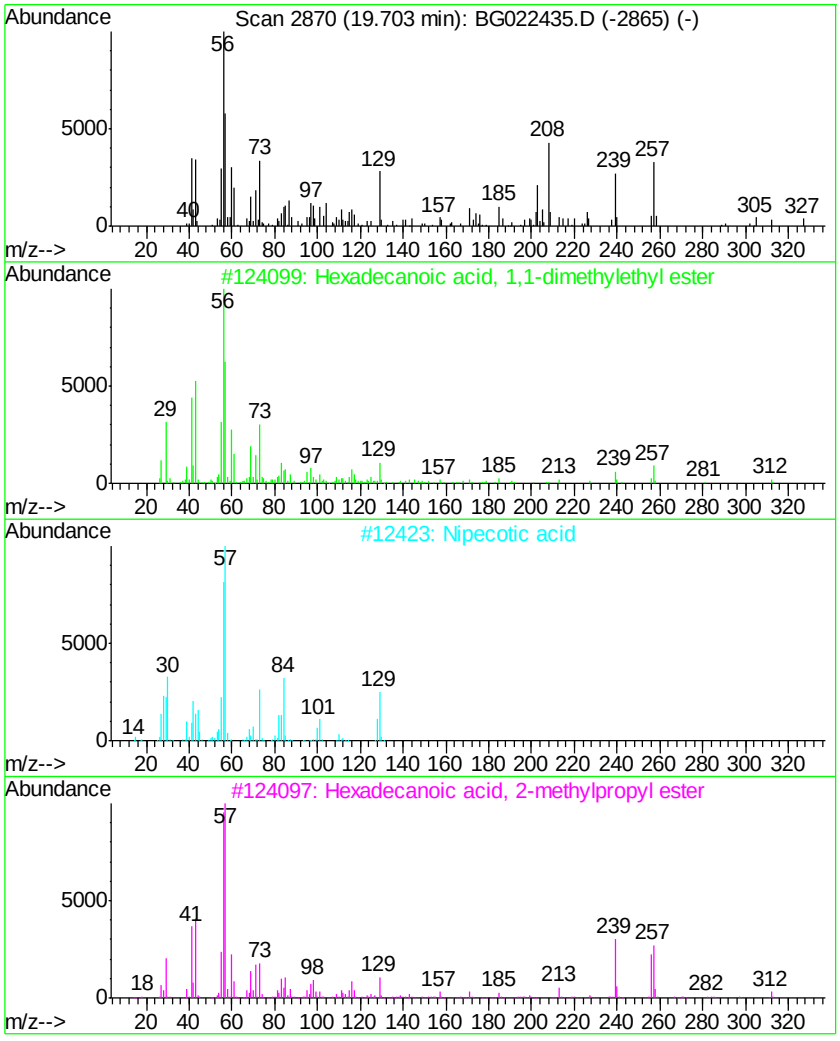
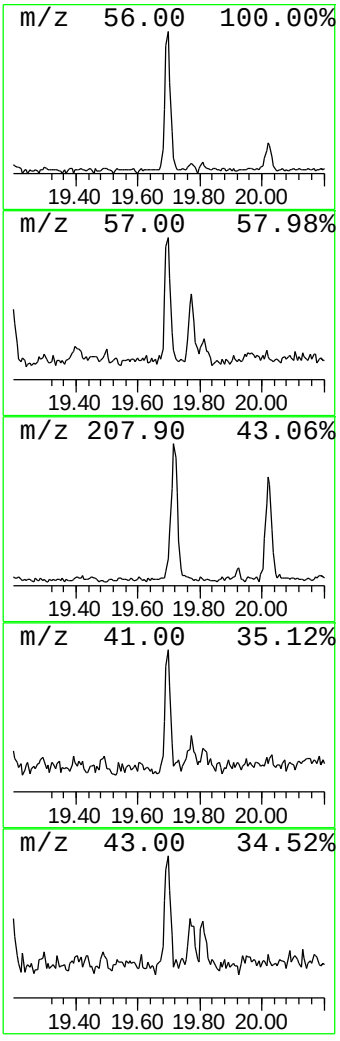
Peak Number 13 unknown19.70 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	2.15 ng	122657	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	38
2	Nipecotic acid	129	C6H11NO2	000498-95-3	37
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	35
4	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	30
5	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	25





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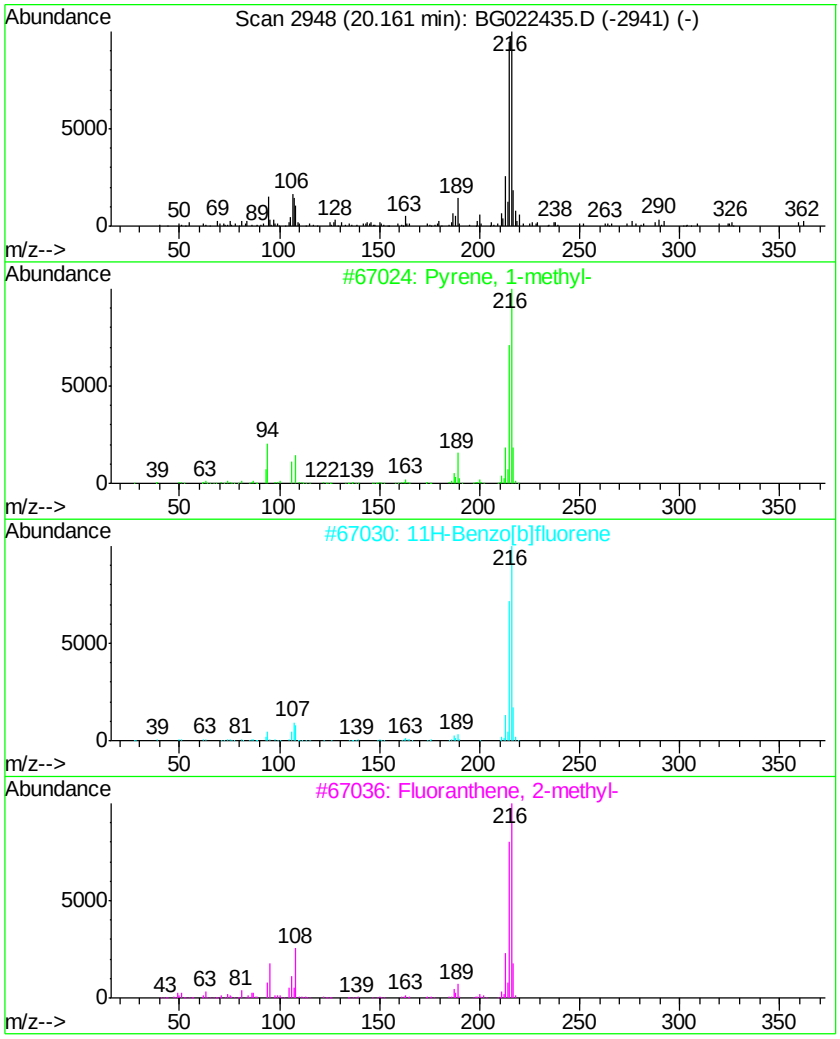
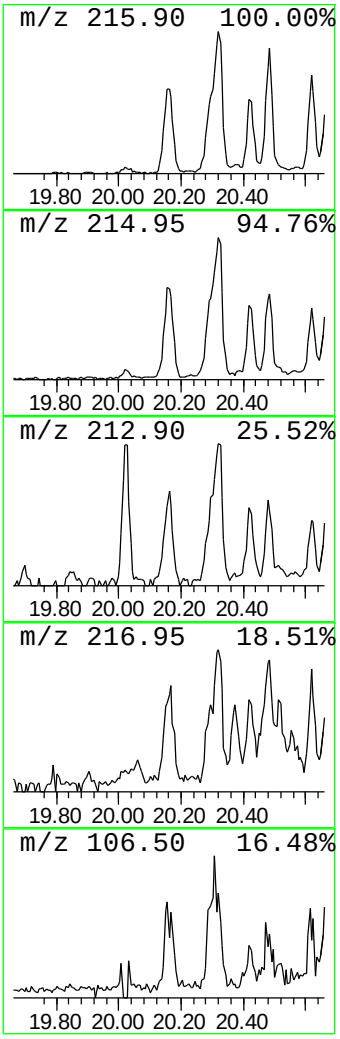
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	2.27 ng	129506	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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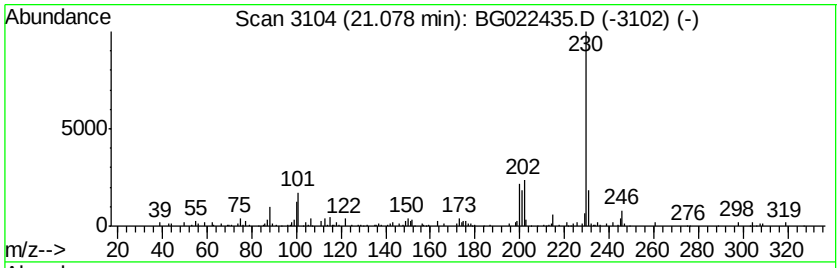
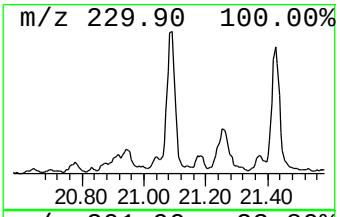
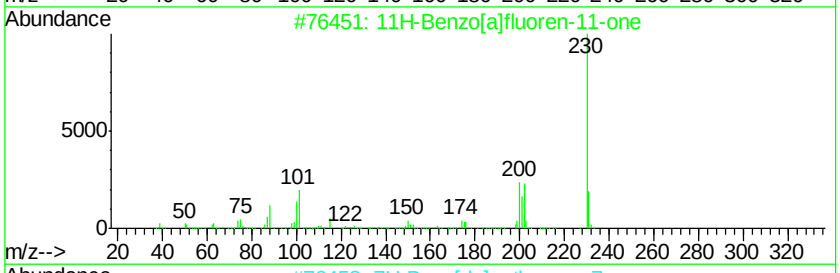
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 18

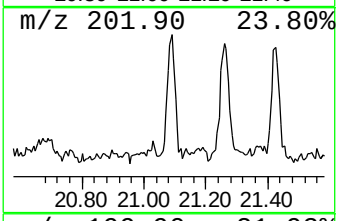
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	2.20 ng	125179	Chrysene-d12	21.69

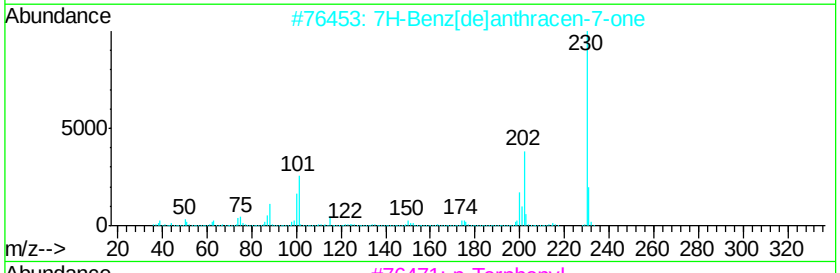
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	p-Terphenyl	230	C18H14	000092-94-4	43
4	Benzo(b)phenazine	230	C16H10N2	000257-97-6	43
5	2-Chloro-9-xanthenone	230	C13H7ClO2	013210-15-6	43

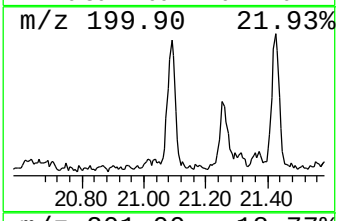


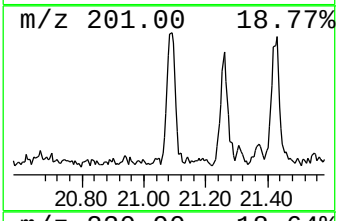


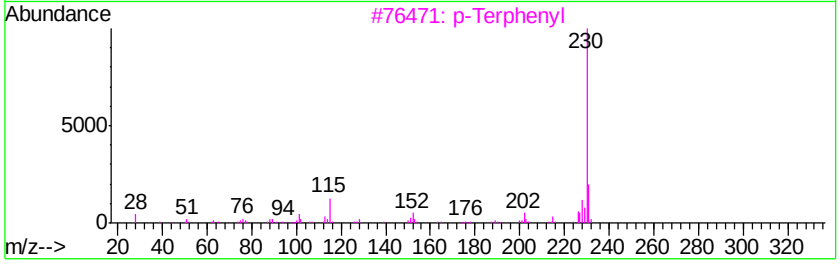


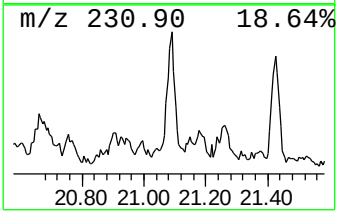












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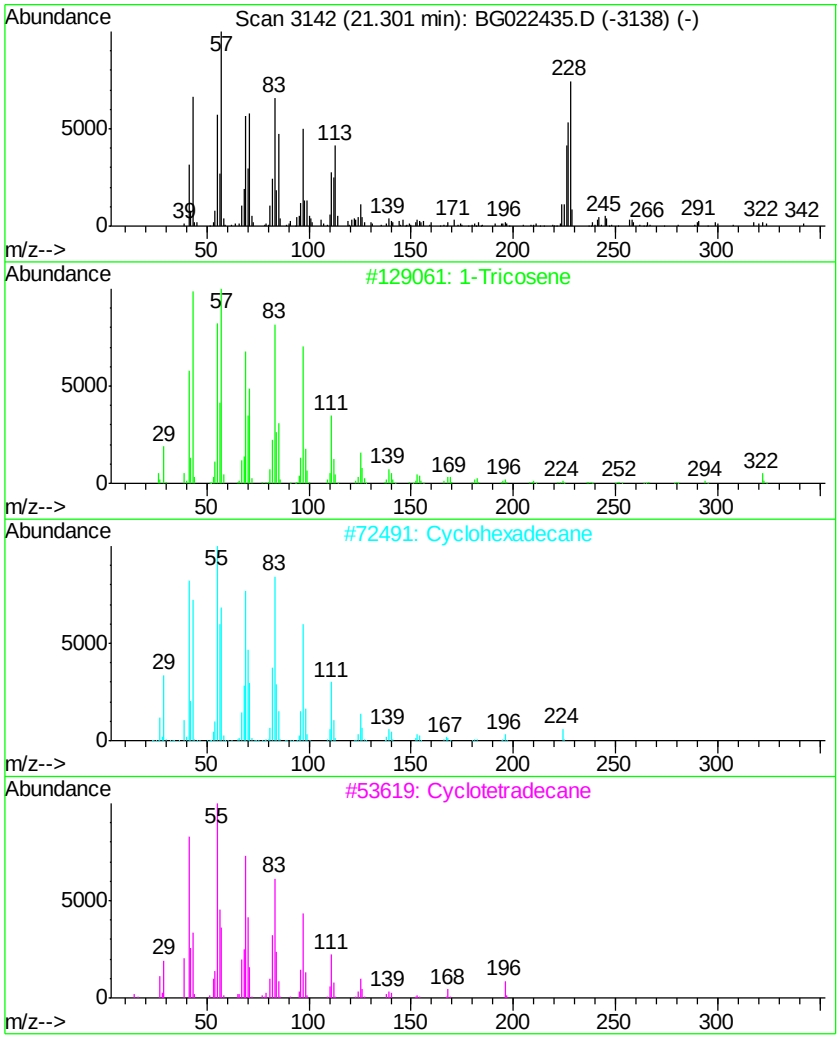
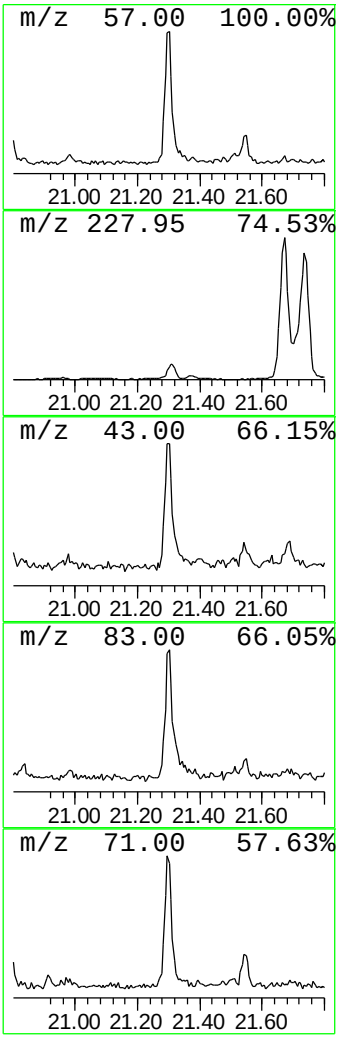
Peak Number 17 1-Tricosene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	3.72 ng	211674	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	64
2	Cyclohexadecane	224	C16H32	000295-65-8	62
3	Cyclotetradecane	196	C14H28	000295-17-0	55
4	1-Docosene	308	C22H44	001599-67-3	45
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	44





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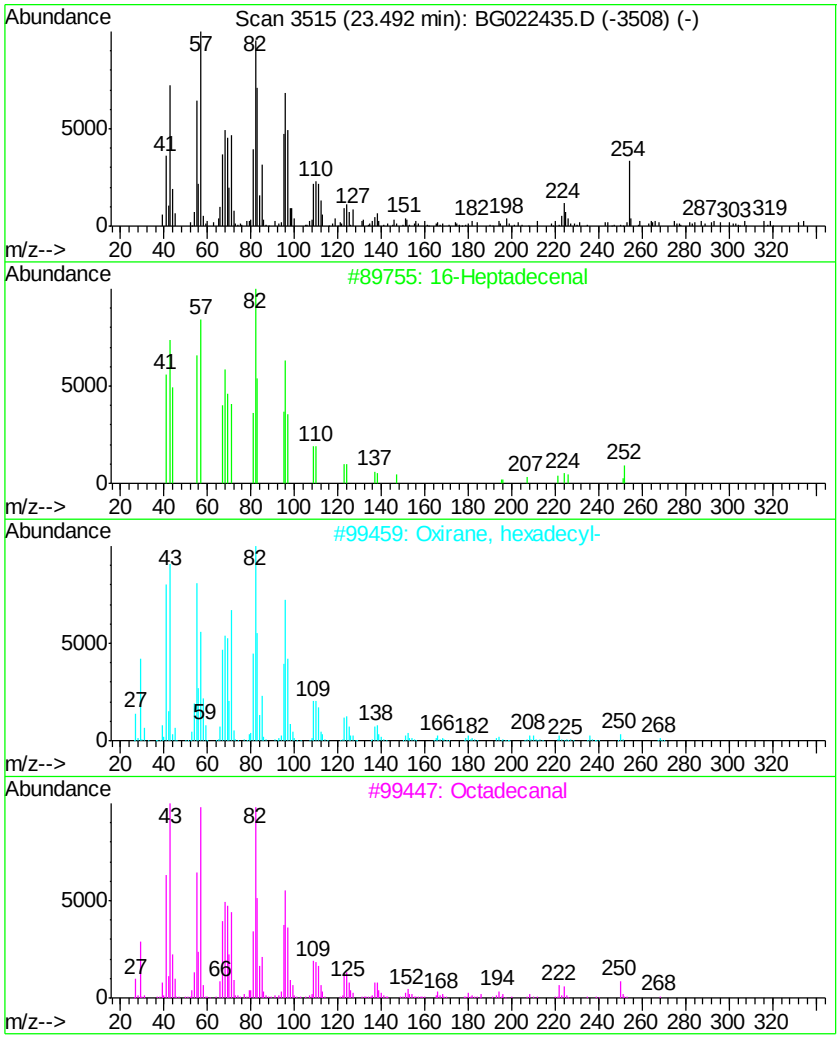
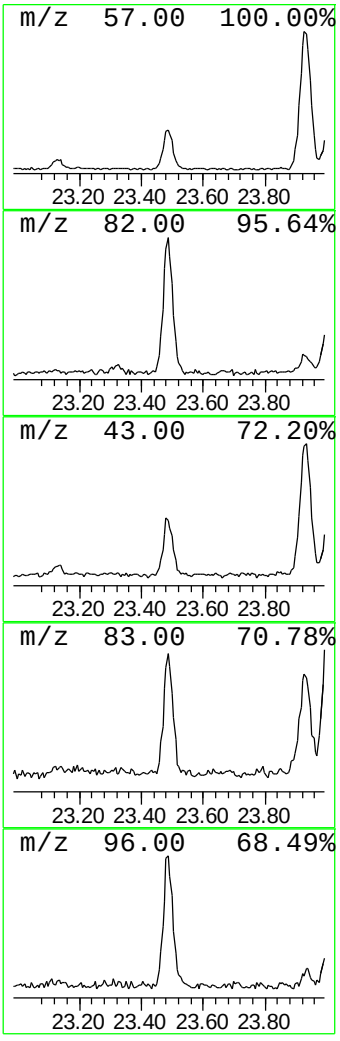
Peak Number 18 16-Heptadecenal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.49	23.57 ng	299946	Perylene-d12	24.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Heptadecenal	252	C17H32O	1000144-57-9	93
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
3	Octadecanal	268	C18H36O	000638-66-4	87
4	1,19-Eicosadiene	278	C20H38	014811-95-1	87
5	17-Octadecenal	266	C18H34O	056554-86-0	87





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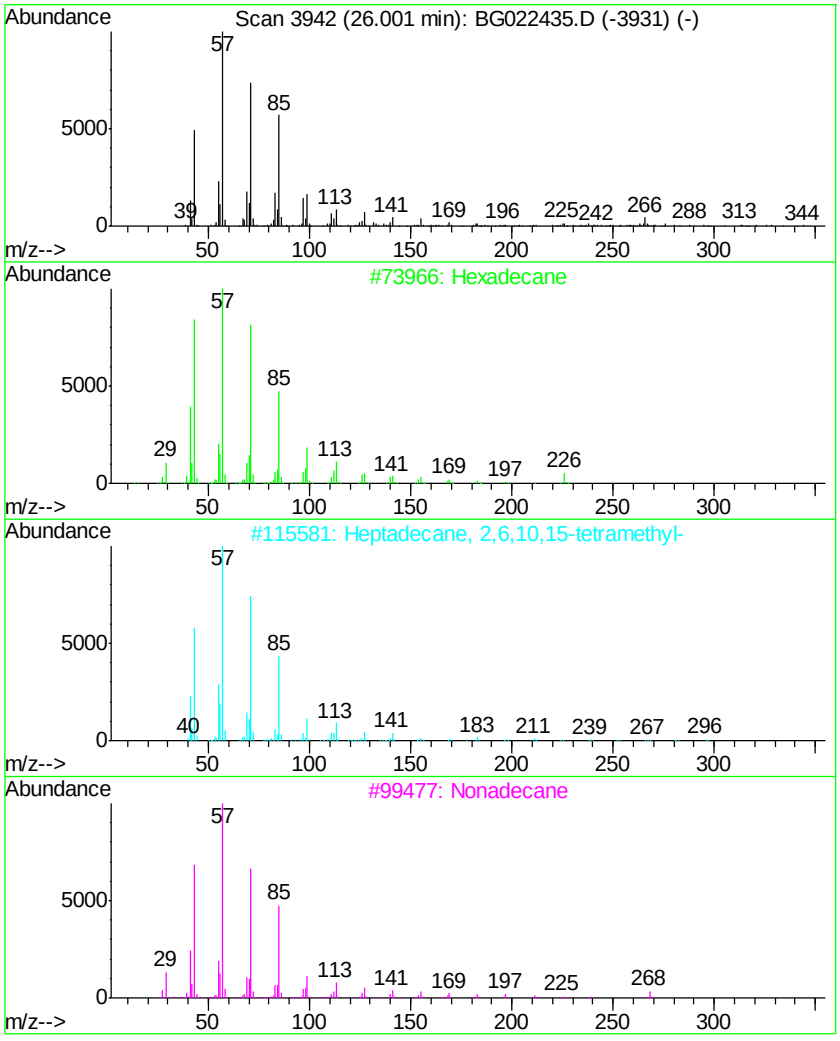
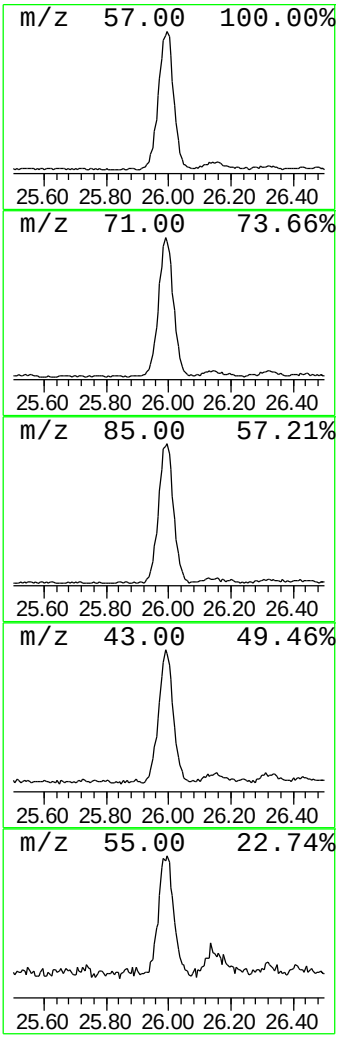
Peak Number 20 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.00	48.20 ng	613341	Perylene-d12	24.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3	Nonadecane	268	C19H40	000629-92-5	86
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80
5	Tetradecane	198	C14H30	000629-59-4	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061716\
Data File : BG022435.D
Acq On : 18 Jun 2016 22:38
Operator : UM/SJ
Sample : H3471-19
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1120-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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
Propane, 2,2-dime...	2.87	138.9	ng	1444550	1	8.04	207932	20.0
2-Pentanone, 4-hy...	5.10	4.5	ng	46418	1	8.04	207932	20.0
unknown7.58	7.58	90.4	ng	940286	1	8.04	207932	20.0
2-Tetradecene, (E)-	17.78	2.2	ng	53522	4	17.42	492027	20.0
Anthracene, 1-met...	18.30	2.6	ng	64212	4	17.42	492027	20.0
5H-Dibenzo[a,d]cy...	18.35	3.5	ng	86497	4	17.42	492027	20.0
Benzaldehyde, 3,5...	18.49	4.7	ng	116673	4	17.42	492027	20.0
9,10-Anthracenedione	18.84	2.3	ng	56613	4	17.42	492027	20.0
Bromoacetic acid,...	19.14	2.5	ng	62556	4	17.42	492027	20.0
Phenanthrene, 3,6...	19.20	3.3	ng	80787	4	17.42	492027	20.0
Cyclopenta(def)ph...	19.36	2.3	ng	56929	4	17.42	492027	20.0
unknown19.70	19.70	2.1	ng	122657	5	21.69	1138680	20.0
Pyrene, 1-methyl-	20.16	2.3	ng	129506	5	21.69	1138680	20.0
11H-Benzo[a]fluor...	21.08	2.2	ng	125179	5	21.69	1138680	20.0
1-Tricosene	21.30	3.7	ng	211674	5	21.69	1138680	20.0
16-Heptadecenal	23.49	23.6	ng	299946	6	24.93	254502	20.0
Hexadecane	26.00	48.2	ng	613341	6	24.93	254502	20.0