LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
Data File : BG042516.D
Acq On : 27 Aug 2019 22:43
Operator : HP/JU
Sample : K4549-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S700A-N-0.0-0.5-082619

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_G\METHODS\8270-BG082219.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	3.118	3	5	20	rVB	234232	323207	22.54%	1.628%
2	5.550	413	419	430	rBV	204935	359292	25.06%	1.810%
3	5.967	484	490	497	rVB	23994	38831	2.71%	0.196%
4	7.160	683	693	707	rBV	221572	436520	30.44%	2.199%
5	7.530	748	756	769	rBV	236928	420706	29.34%	2.119%
6	7.994	825	835	844	rBV	95730	168124	11.73%	0.847%
7	8.323	883	891	906	rBV	200238	349605	24.38%	1.761%
8	9.164	1025	1034	1050	rBV	126061	251330	17.53%	1.266%
9	10.820	1307	1316	1331	rBV	124387	238287	16.62%	1.200%
10	13.276	1727	1734	1754	rBV	429957	697552	48.65%	3.514%
11	14.023	1855	1861	1868	rVB3	23636	39314	2.74%	0.198%
12	14.105	1868	1875	1887	rBV	295505	454579	31.70%	2.290%
13	14.657	1963	1969	1976	rBV	254189	393288	27.43%	1.981%
14	14.722	1976	1980	1989	rVB	22732	35888	2.50%	0.181%
15	15.450	2098	2104	2112	rBV	178706	248701	17.35%	1.253%
16	15.709	2142	2148	2154	rBV2	19531	31527	2.20%	0.159%
17	16.149	2216	2223	2242	rBV	391942	678239	47.30%	3.417%
18	17.066	2374	2379	2387	rVB	10014	15832	1.10%	0.080%
19	17.160	2387	2395	2400	rVV2	11083	20121	1.40%	0.101%
20	17.231	2403	2407	2413	rVB	13312	21668	1.51%	0.109%
21	17.407	2432	2437	2441	rVV2	352591	563627	39.31%	2.839%
22	17.454	2441	2445	2451	rVV	341781	513398	35.81%	2.586%
23	17.542	2453	2460	2466	rVB	64700	109030	7.60%	0.549%
24	17.818	2496	2507	2519	rBV2	44082	93309	6.51%	0.470%
25	18.024	2538	2542	2547	rVB	20163	26787	1.87%	0.135%
26	18.106	2552	2556	2565	rVB	30641	51804	3.61%	0.261%
27	18.300	2581	2589	2592	rBV2	82465	165243	11.52%	0.832%
28	18.335	2592	2595	2599	rVV	67085	123204	8.59%	0.621%
29	18.365	2599	2600	2605	rVB	38034	39895	2.78%	0.201%
30	18.417	2605	2609	2615	rVB2	17768	27136	1.89%	0.137%
31	18.482	2615	2620	2624	rBV3	64673	110854	7.73%	0.558%
32	18.782	2667	2671	2675	rBV	29509	43855	3.06%	0.221%
33	18.829	2675	2679	2687	rVB2	34285	54565	3.81%	0.275%
34	19.205	2737	2743	2749	rBV4	18748	48395	3.38%	0.244%

LSC Area Percent Report

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Sample : K4549-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S700A-N-0.0-0.5-082619

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_G\METHODS\8270-BG082219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.346	2762	2767	2773	rVB2	26439	47300	3.30%	0.238%
36	19.463	2781	2787	2794	rBV	801788	1159247	80.85%	5.840%
37	19.575	2800	2806	2816	rBV5	100545	259593	18.10%	1.308%
38	19.710	2826	2829	2838	rVB2	35779	60853	4.24%	0.307%
39	19.828	2844	2849	2857	rVB	631145	947122	66.05%	4.771%
40	19.898	2857	2861	2867	rVB2	28965	43514	3.03%	0.219%
41	20.021	2875	2882	2887	rBV	1015625	1374680	95.87%	6.925%
42	20.068	2887	2890	2897	rVB	35722	57700	4.02%	0.291%
43	20.145	2898	2903	2910	rBV2	38325	97437	6.80%	0.491%
44	20.204	2910	2913	2917	rVB	15272	19378	1.35%	0.098%
45	20.286	2921	2927	2928	rBV2	33893	58133	4.05%	0.293%
46	20.315	2928	2932	2938	rVB	100020	159079	11.09%	0.801%
47	20.415	2945	2949	2953	rBV	70077	100317	7.00%	0.505%
48	20.474	2953	2959	2963	rVV2	46364	89695	6.26%	0.452%
49	20.509	2963	2965	2969	rVB	24748	30121	2.10%	0.152%
50	20.615	2980	2983	2986	rBV2	27453	35032	2.44%	0.176%
51	20.650	2986	2989	2994	rVV3	40905	75379	5.26%	0.380%
52	20.703	2994	2998	3003	rVB	62036	81408	5.68%	0.410%
53	21.079	3058	3062	3069	rVB	53440	82942	5.78%	0.418%
54	21.261	3088	3093	3097	rBV3	58537	106609	7.44%	0.537%
55	21.308	3097	3101	3102	rVV	51769	69740	4.86%	0.351%
56	21.349	3102	3108	3115	rVV4	98154	307043	21.41%	1.547%
57	21.408	3115	3118	3128	rVB2	59889	111138	7.75%	0.560%
58	21.678	3156	3164	3169	rBV4	587838	1433841	100.00%	7.223%
59	21.731	3169	3173	3186	rVB	317415	572192	39.91%	2.883%
60	21.878	3194	3198	3208	rBV2	73639	135430	9.45%	0.682%
61	22.095	3230	3235	3243	rVB2	50565	101454	7.08%	0.511%
62	22.489	3298	3302	3308	rBV2	47984	78146	5.45%	0.394%
63	22.689	3334	3336	3340	rVB2	16067	21314	1.49%	0.107%
64	23.182	3417	3420	3428	rVB2	43009	84104	5.87%	0.424%
65	23.541	3474	3481	3488	rVB2	152823	315301	21.99%	1.588%
66	23.899	3533	3542	3549	rBV	254863	826378	57.63%	4.163%
67	24.070	3565	3571	3581	rBV4	133585	449307	31.34%	2.263%
68	24.622	3656	3665	3679	rVB2	149406	475648	33.17%	2.396%
69	24.763	3681	3689	3705	rVB	191078	558501	38.95%	2.814%
70	24.927	3706	3717	3726	rBV2	306287	960729	67.00%	4.840%
71	25.474	3805	3810	3821	rVB2	35129	99113	6.91%	0.499%

LSC Area Percent Report

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Sample : K4549-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S700A-N-0.0-0.5-082619

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	26.102	3912	3917	3926	rVB4	37905	104866	7.31%	0.528%
73	28.623	4335	4346	4365	rVB4	95325	470757	32.83%	2.372%
74	29.775	4527	4542	4567	rVB4	94829	596132	41.58%	3.003%

Sum of corrected areas: 19850386

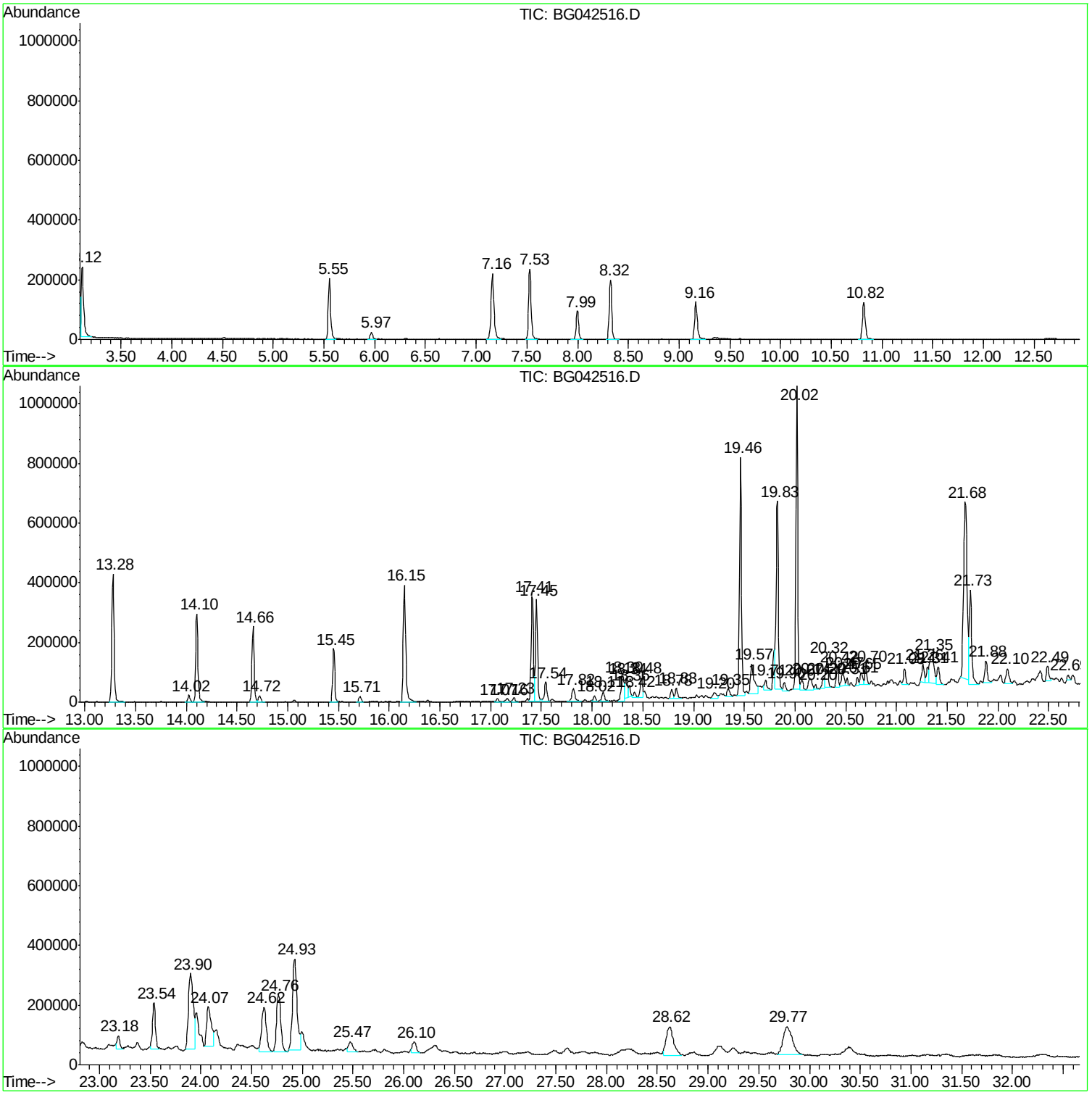
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
Data File : BG042516.D
Acq On : 27 Aug 2019 22:43
Operator : HP/JU
Sample : K4549-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S700A-N-0.0-0.5-082619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
Data File : BG042516.D
Acq On : 27 Aug 2019 22:43
Operator : HP/JU
Sample : K4549-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S700A-N-0.0-0.5-082619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

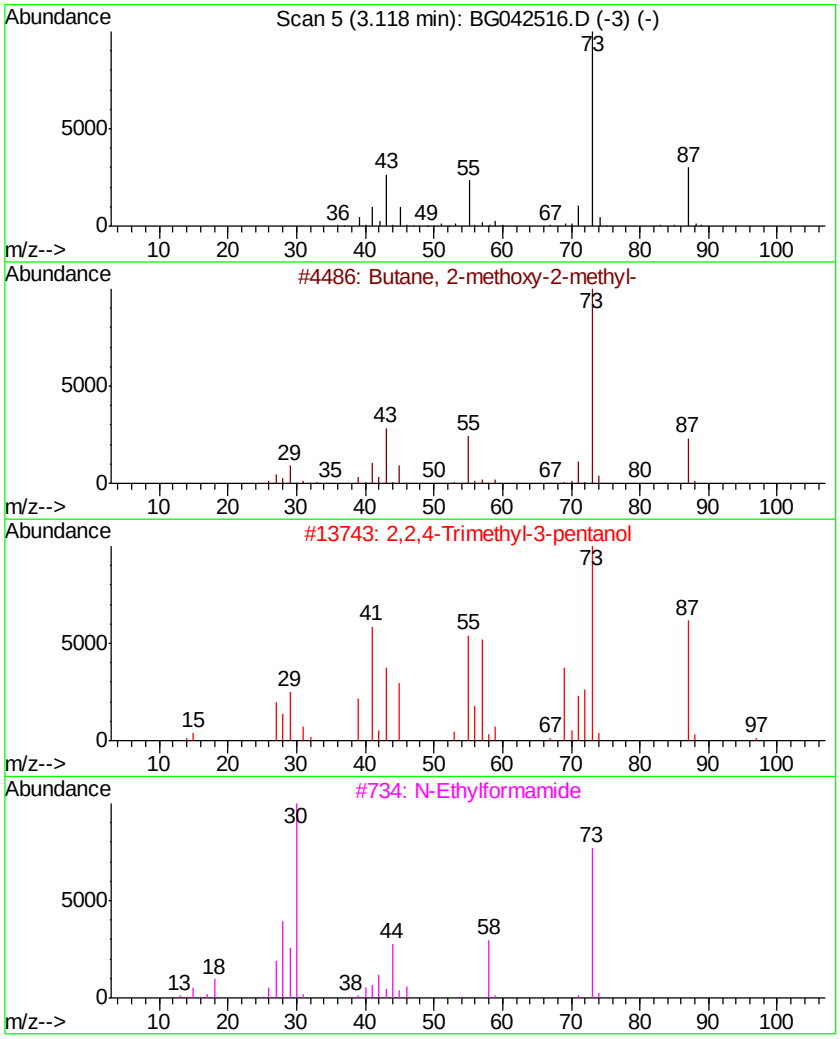
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

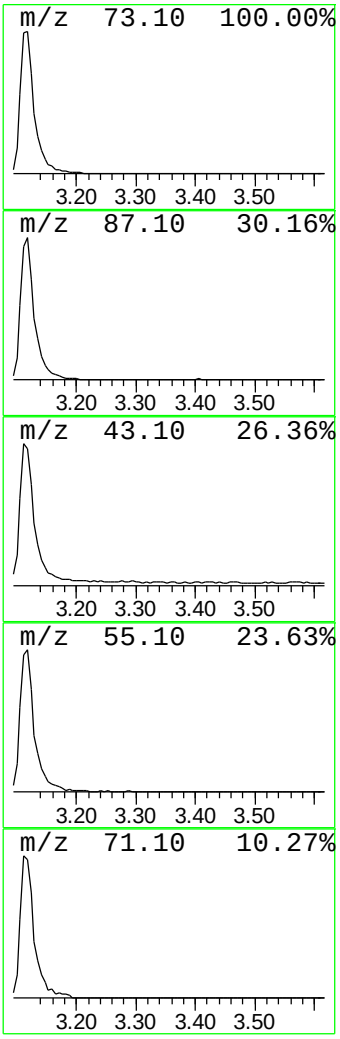
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	38.45 ng	323207	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
Data File : BG042516.D
Acq On : 27 Aug 2019 22:43
Operator : HP/JU
Sample : K4549-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S700A-N-0.0-0.5-082619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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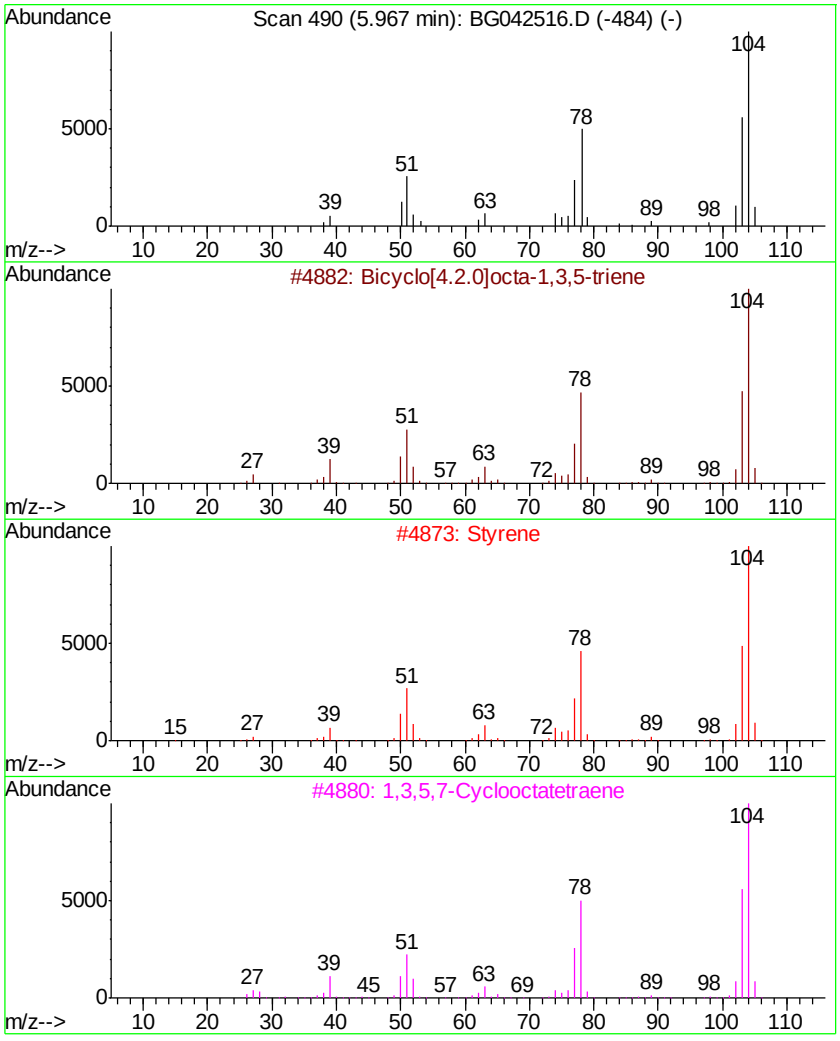
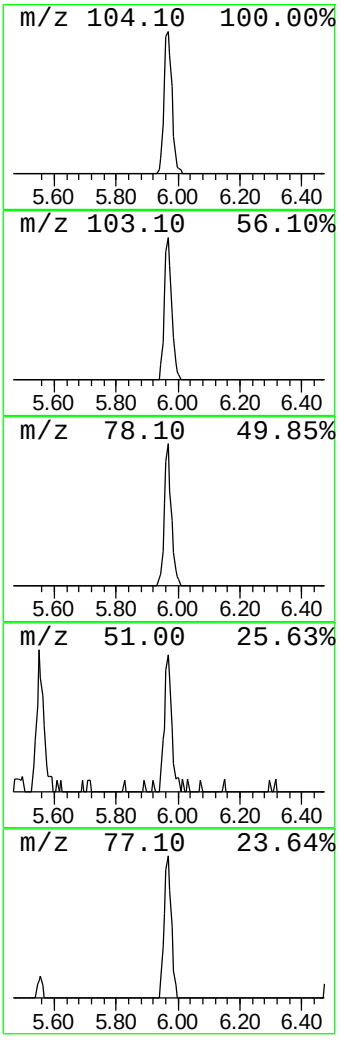
****

Peak Number 2 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	4.62 ng	38831	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	97
2	Styrene	104	C8H8	000100-42-5	97
3	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	91
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	64
5	1,3,7-Octatrien-5-yne	104	C8H8	016607-77-5	28





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
Data File : BG042516.D
Acq On : 27 Aug 2019 22:43
Operator : HP/JU
Sample : K4549-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S700A-N-0.0-0.5-082619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

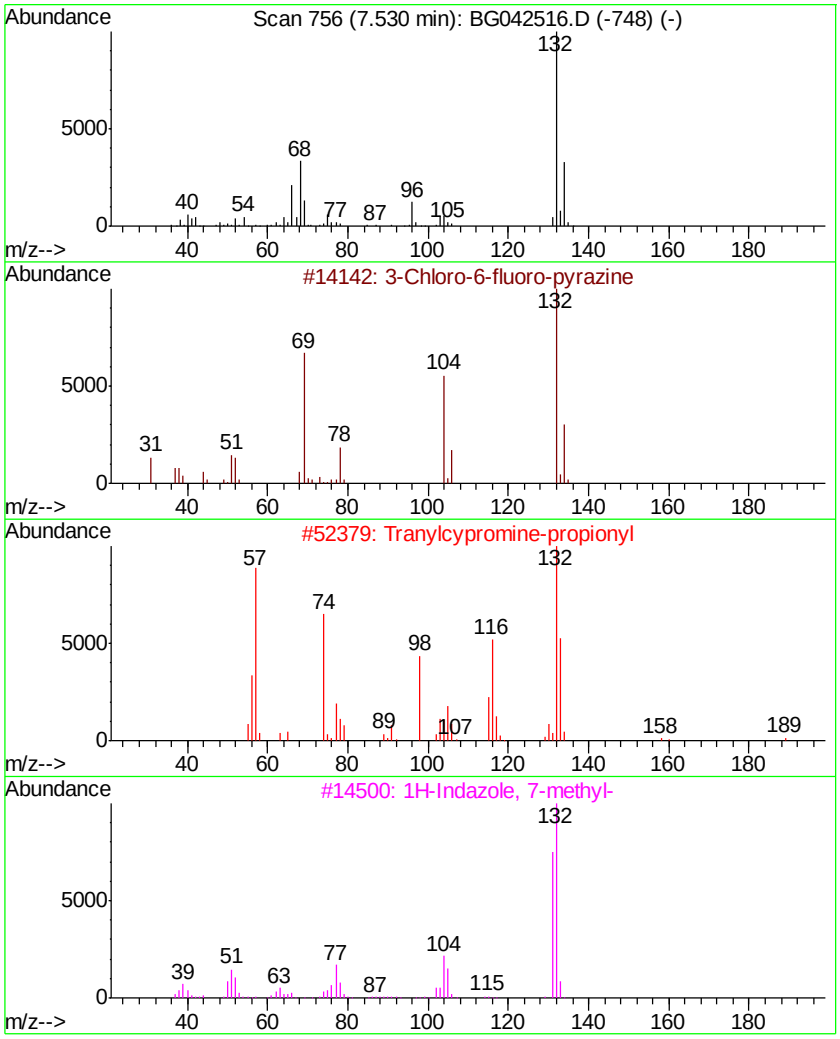
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

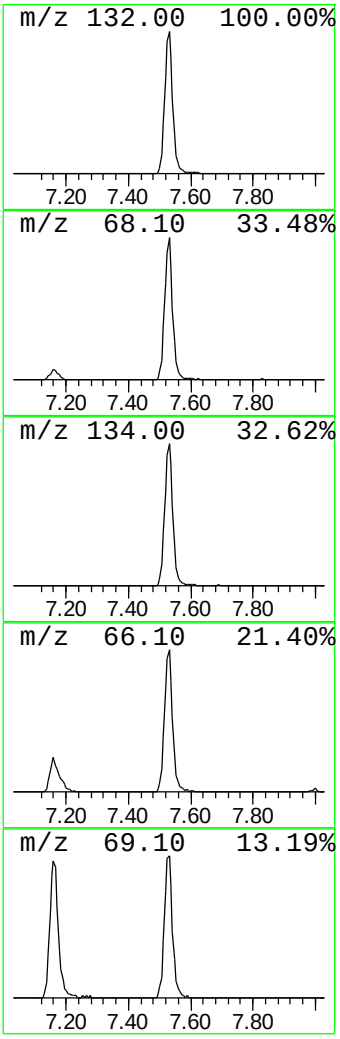
****

Peak Number 3 unknown7.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	50.05 ng	420706	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
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Sample : K4549-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S700A-N-0.0-0.5-082619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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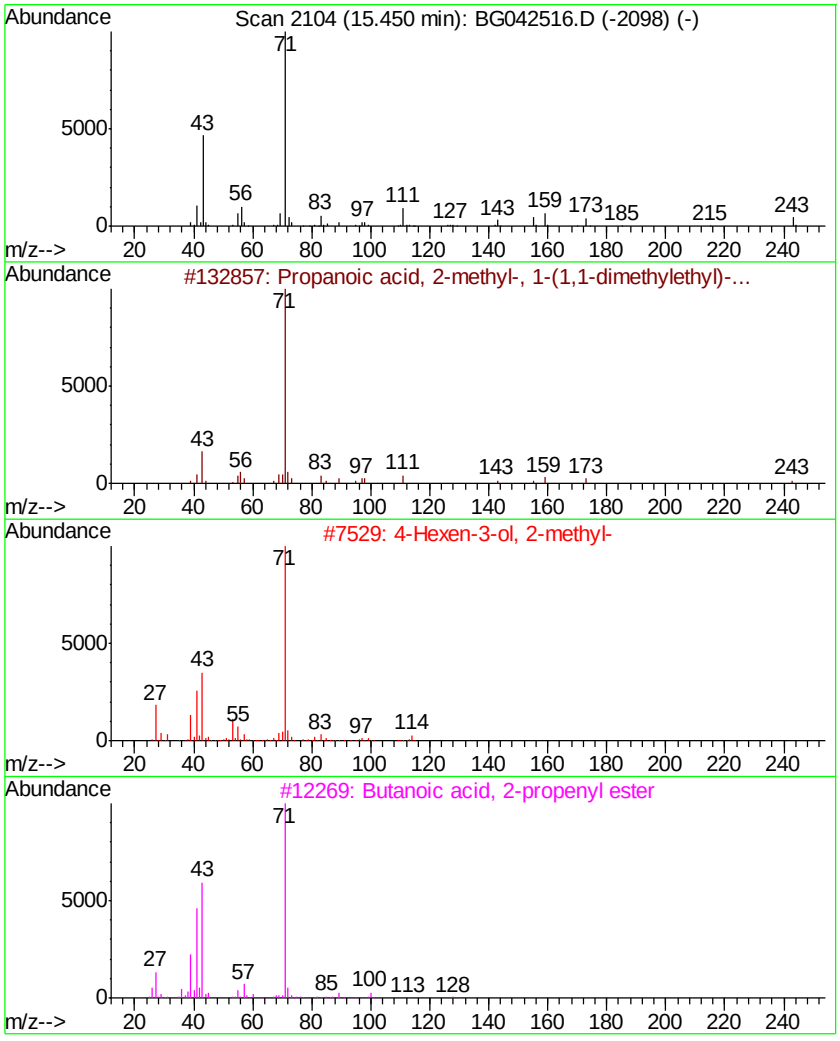
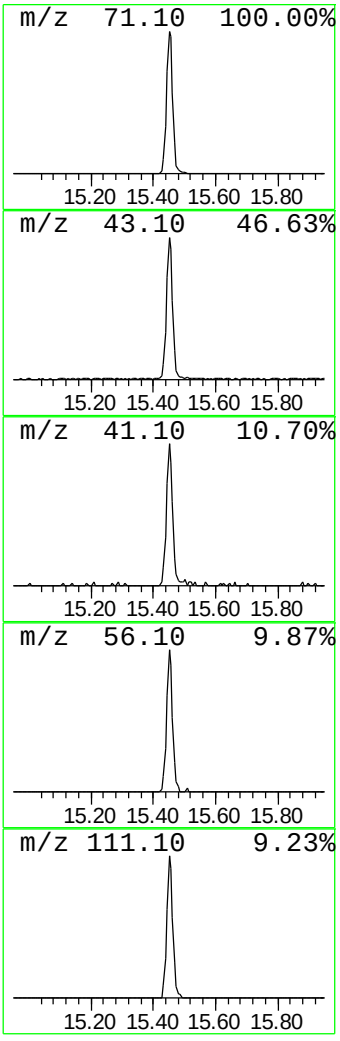
****

Peak Number 5 Propanoic acid, 2-methyl-, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	12.65 ng	248701	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-(1,...	286	C16H30O4	074381-40-1	72
2	4-Hexen-3-ol, 2-methyl-	114	C7H14O	004798-60-1	50
3	Butanoic acid, 2-propenyl ester	128	C7H12O2	002051-78-7	50
4	Propanoic acid, 2-methyl-, 1,2,3...	302	C15H26O6	014295-64-8	50
5	Butanoic acid, 2-butoxy-1-methyl...	216	C11H20O4	007492-70-8	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
Data File : BG042516.D
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Sample : K4549-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S700A-N-0.0-0.5-082619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

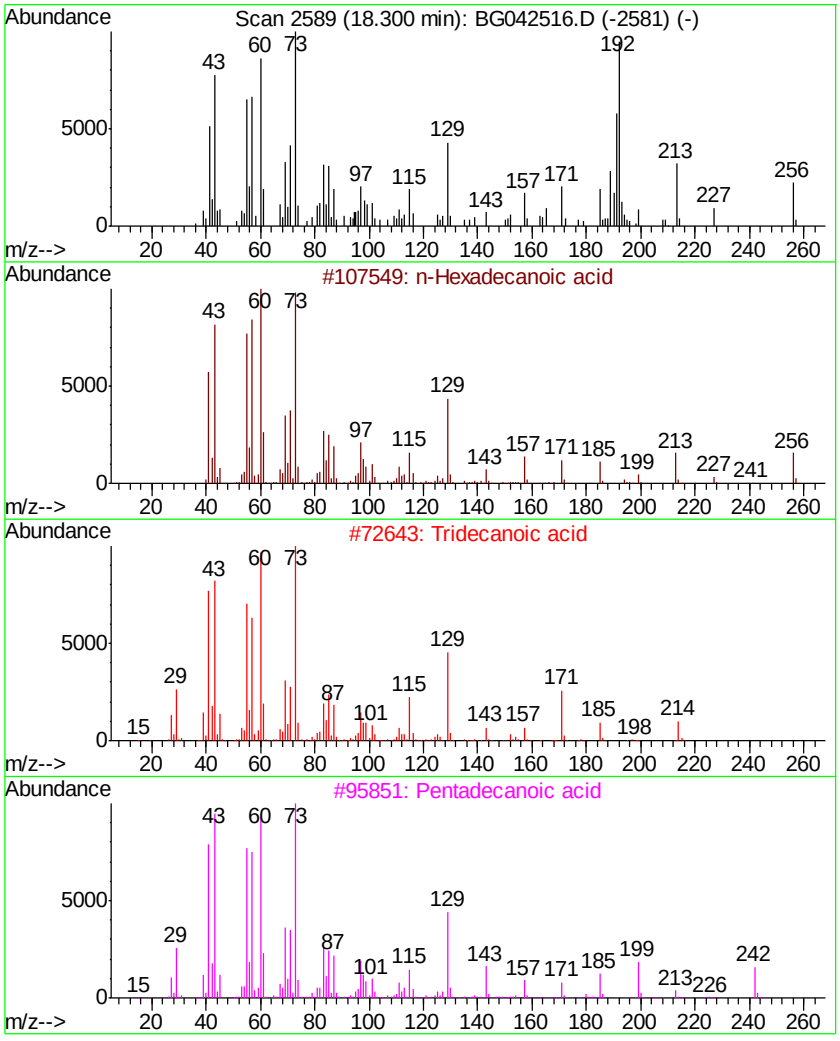
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

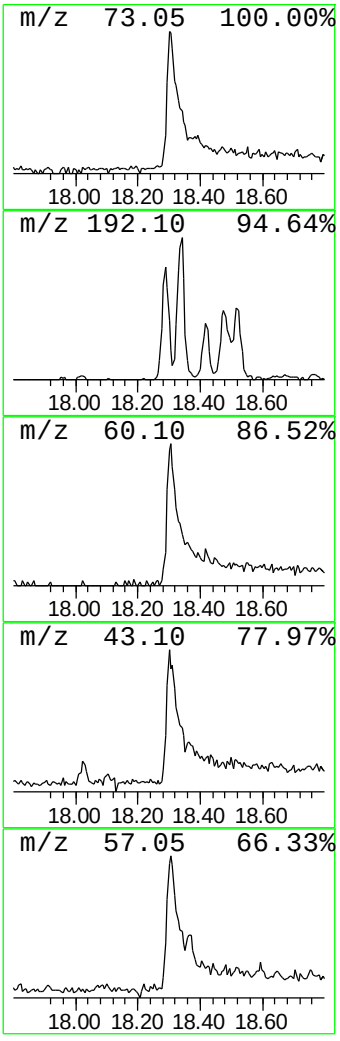
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	5.86 ng	165243	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	52
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	46
4	Undecanoic acid	186	C11H22O2	000112-37-8	42
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
Data File : BG042516.D
Acq On : 27 Aug 2019 22:43
Operator : HP/JU
Sample : K4549-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S700A-N-0.0-0.5-082619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

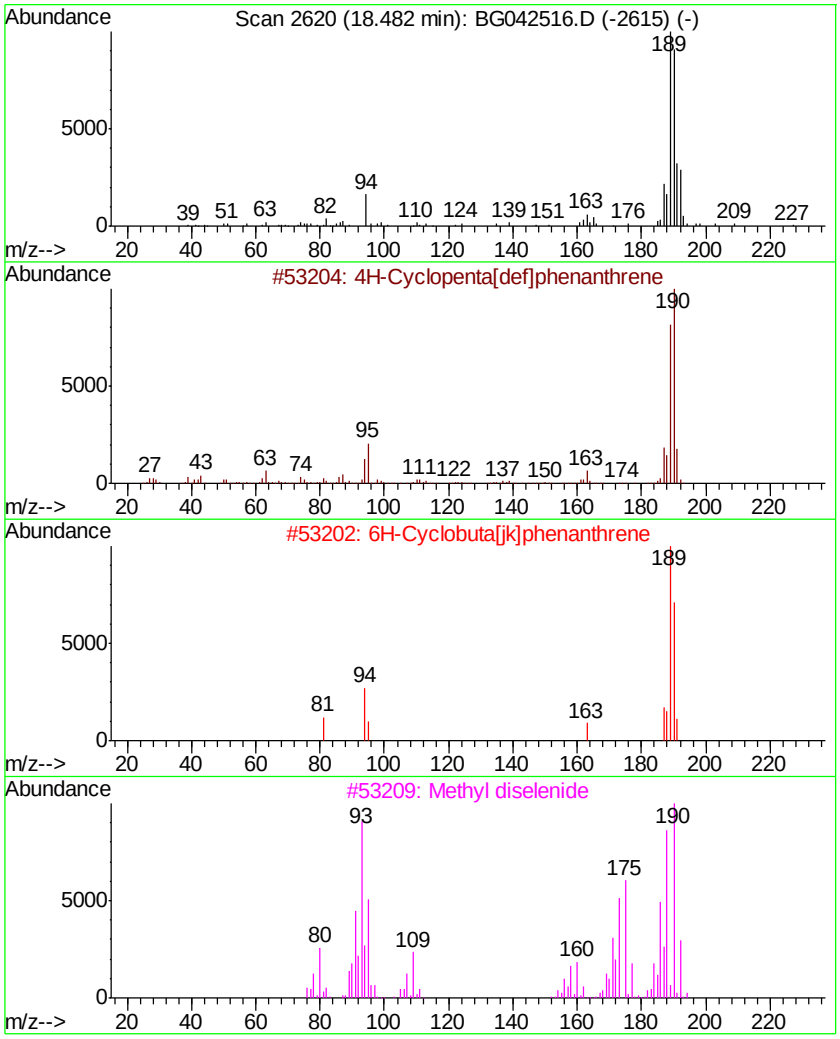
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

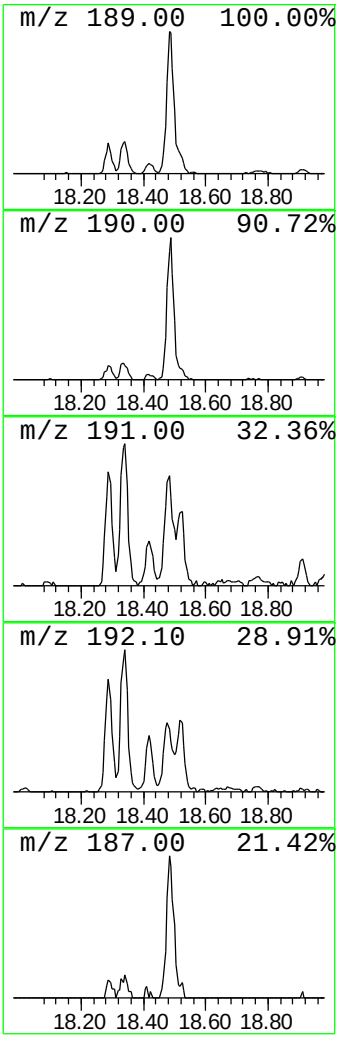
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	3.93 ng	110854	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	4-(4-Chlorophenyl)pyridine	189	C11H8ClN	005957-96-0	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
Data File : BG042516.D
Acq On : 27 Aug 2019 22:43
Operator : HP/JU
Sample : K4549-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S700A-N-0.0-0.5-082619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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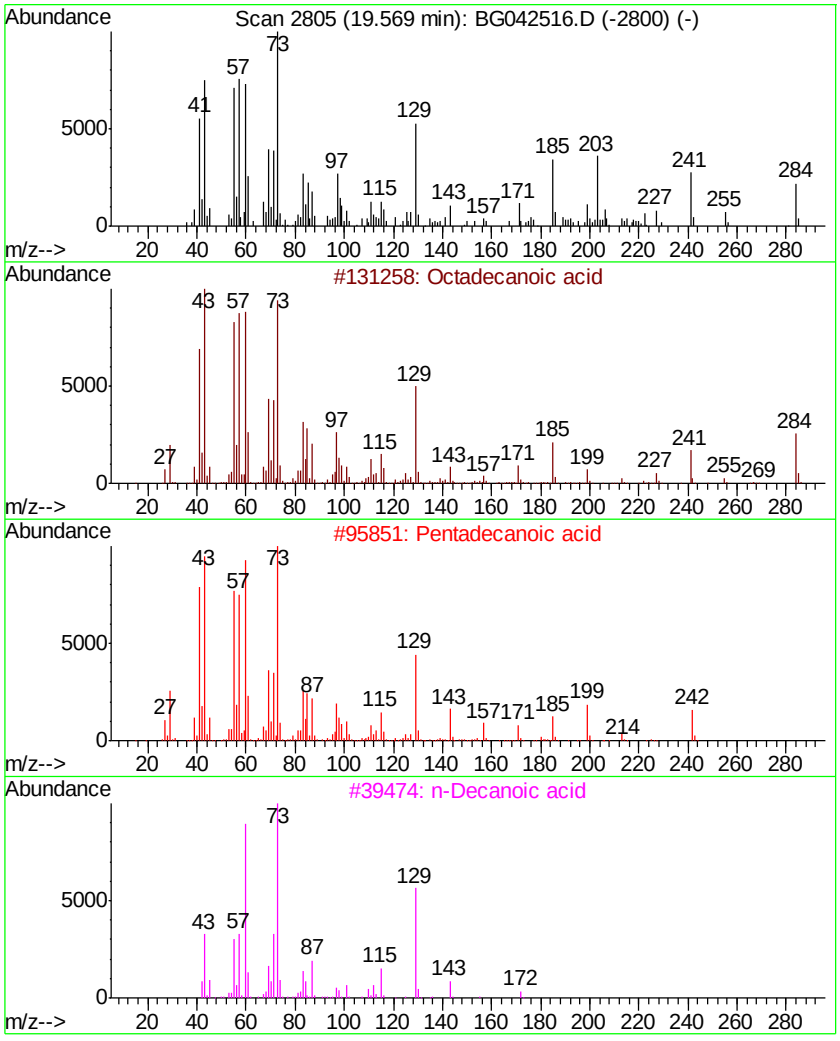
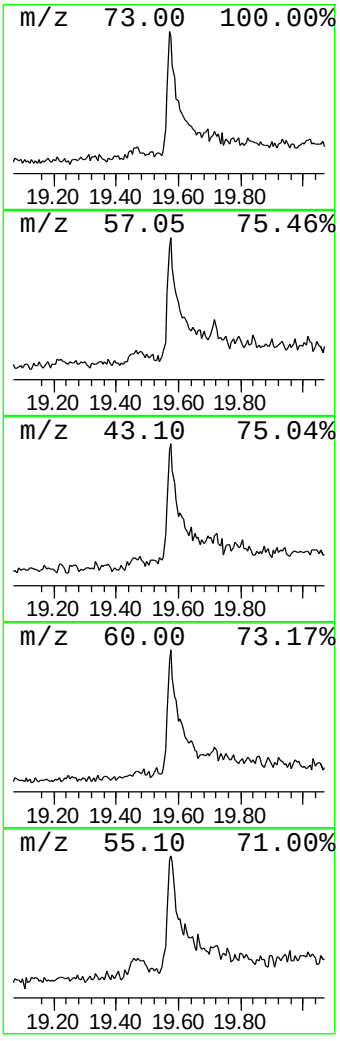
Peak Number 8 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.57	3.62 ng	259593	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	n-Decanoic acid	172	C10H20O2	000334-48-5	78
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Undecanoic acid	186	C11H22O2	000112-37-8	49





Library Search Compound Report

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Data File : BG042516.D
Acq On : 27 Aug 2019 22:43
Operator : HP/JU
Sample : K4549-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S700A-N-0.0-0.5-082619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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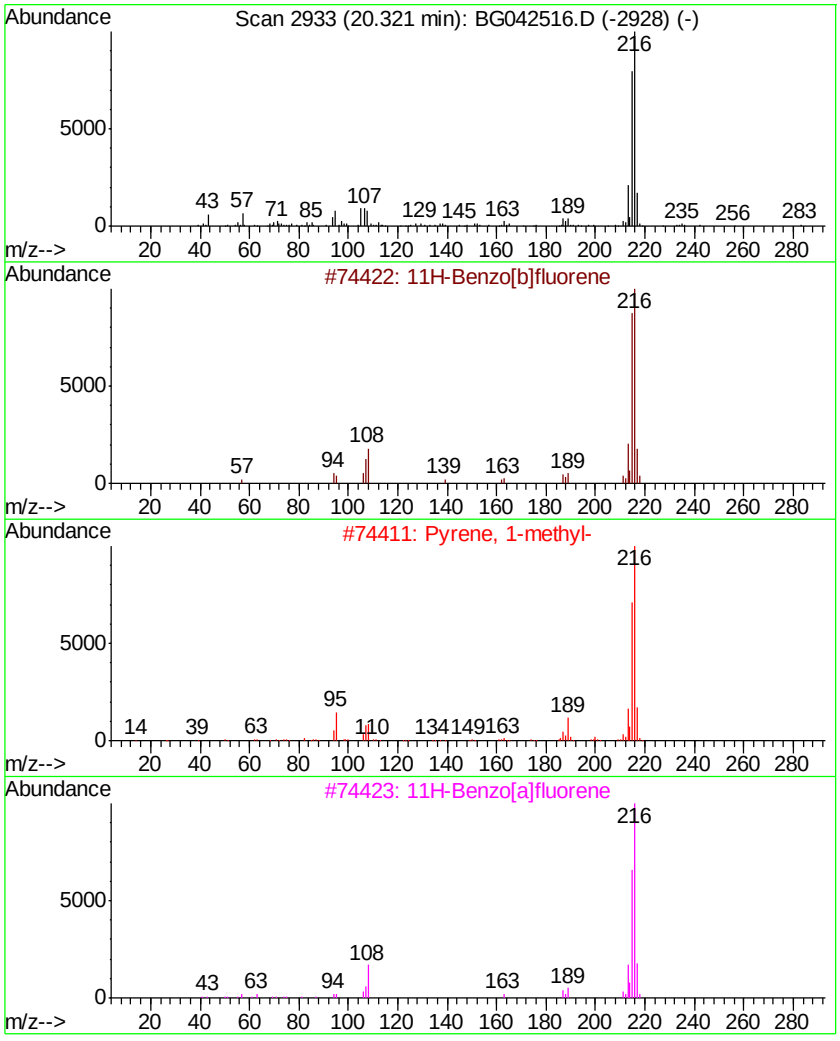
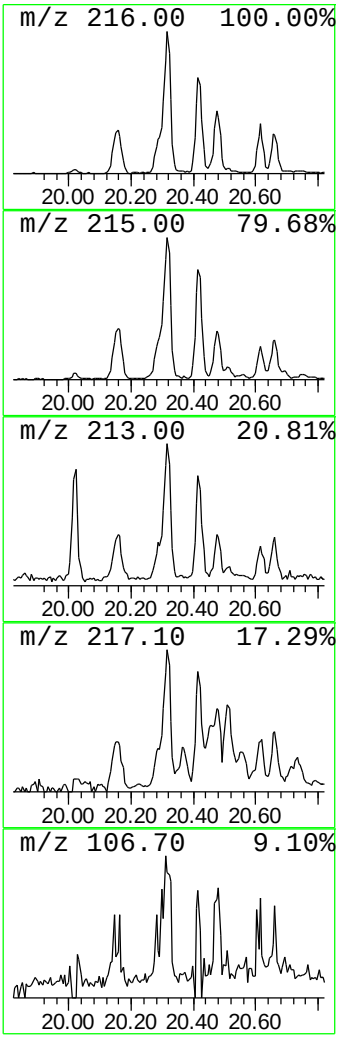
Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.32	2.22 ng	159079	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Operator : HP/JU
Sample : K4549-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S700A-N-0.0-0.5-082619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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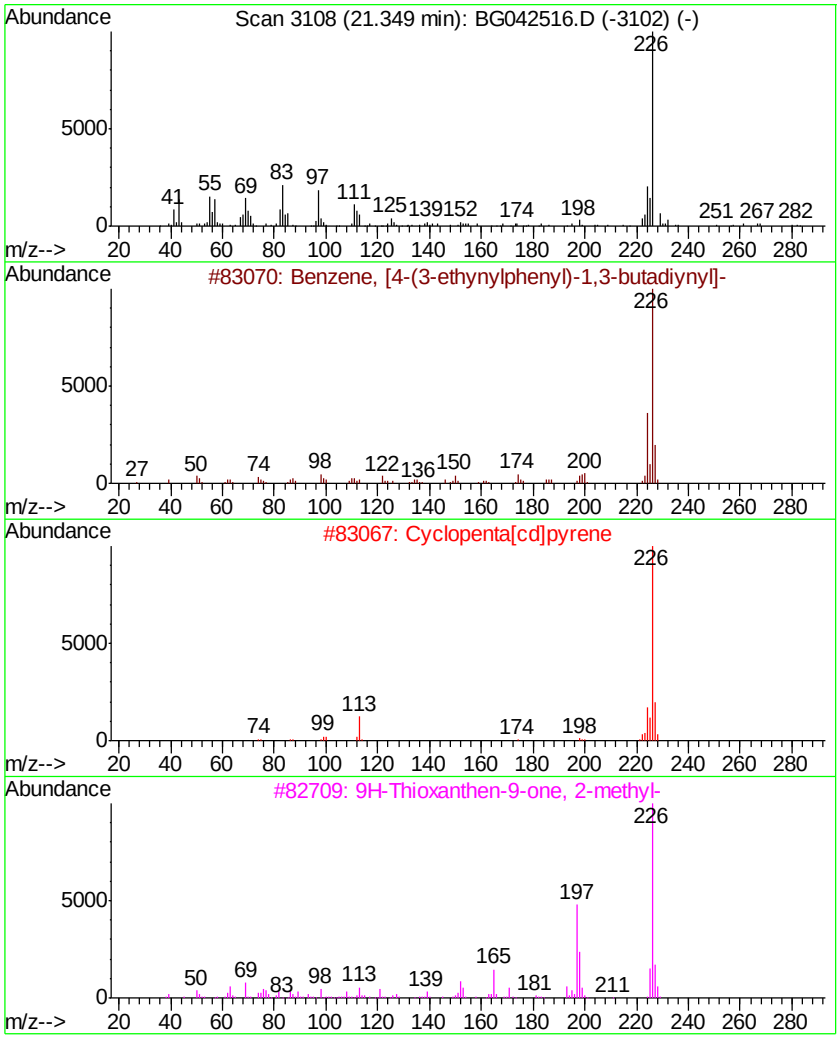
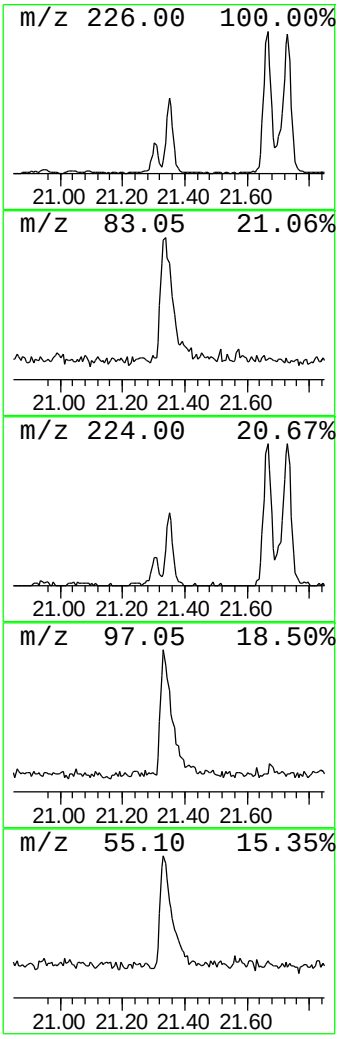
Peak Number 10 unknown21.35 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	4.28 ng	307043	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	46
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	43
3	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	43
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	9
5	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	9





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Sample : K4549-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S700A-N-0.0-0.5-082619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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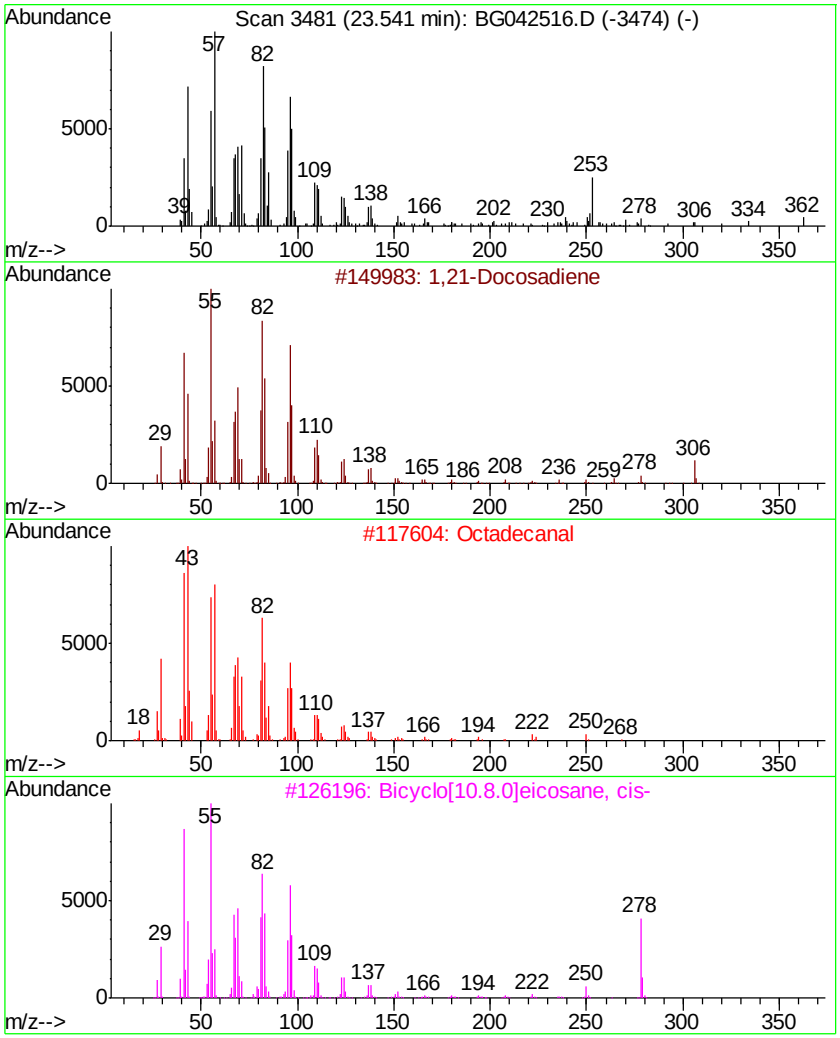
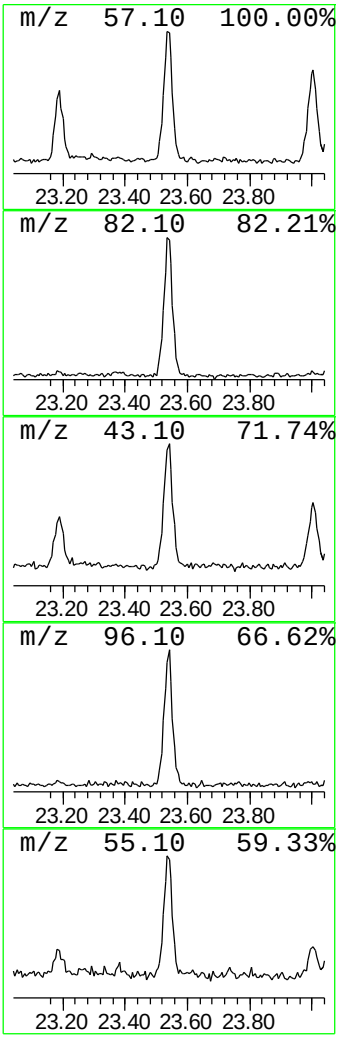
Peak Number 11 1,21-Docosadiene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.54	6.56 ng	315301	Perylene-d12	24.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,21-Docosadiene	306	C22H42	053057-53-7	93
2	Octadecanal	268	C18H36O	000638-66-4	93
3	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	93
4	1,19-Eicosadiene	278	C20H38	014811-95-1	92
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	92





Library Search Compound Report

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Data File : BG042516.D
Acq On : 27 Aug 2019 22:43
Operator : HP/JU
Sample : K4549-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S700A-N-0.0-0.5-082619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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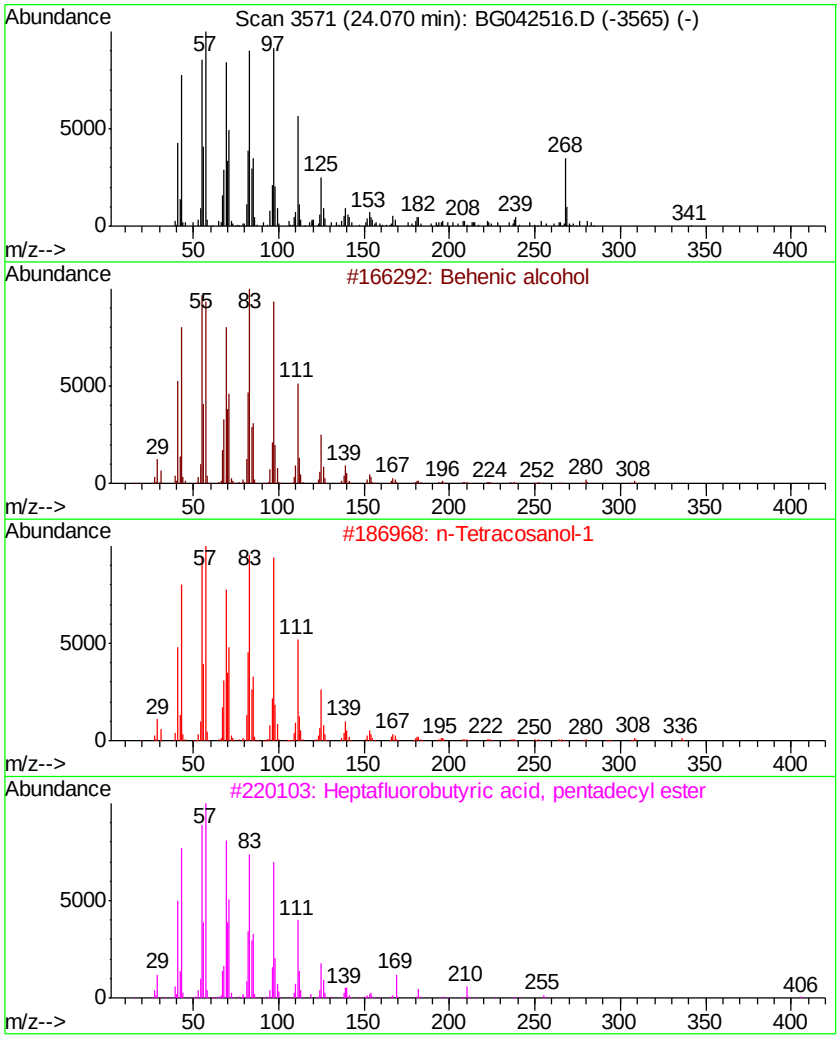
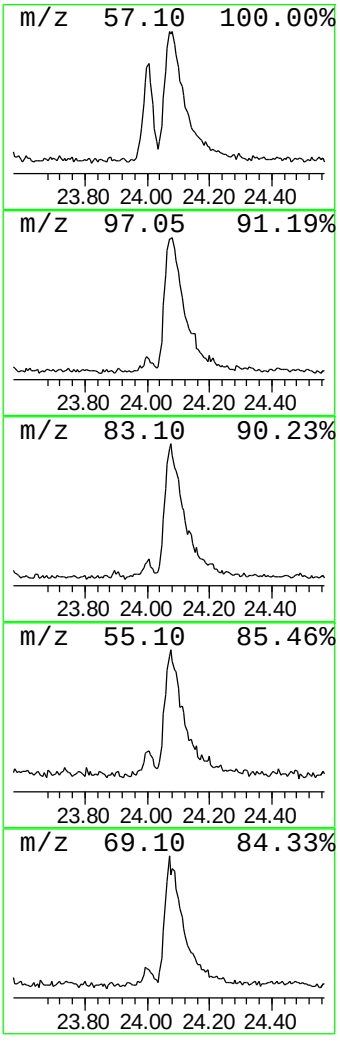
Peak Number 12 Behenic alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	9.35 ng	449307	Perylene-d12	24.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	Octacosanol	410	C28H58O	000557-61-9	93





Library Search Compound Report

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Data File : BG042516.D
Acq On : 27 Aug 2019 22:43
Operator : HP/JU
Sample : K4549-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S700A-N-0.0-0.5-082619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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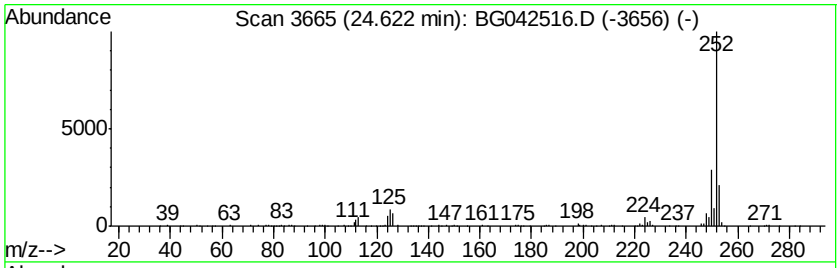
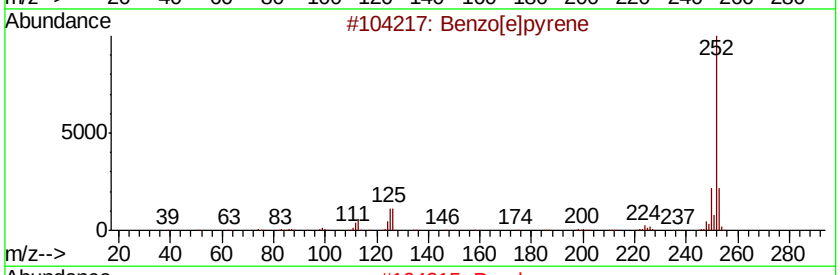
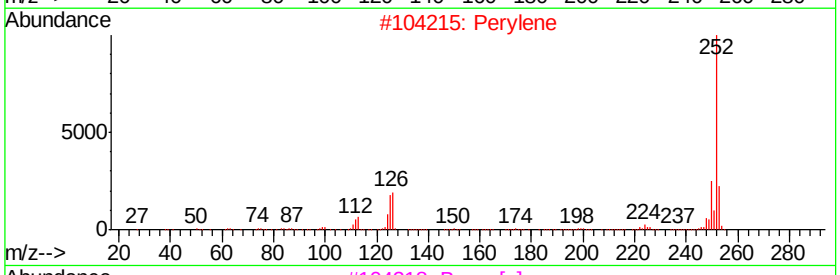
Peak Number 13 Benzo[e]pyrene Concentration Rank 5

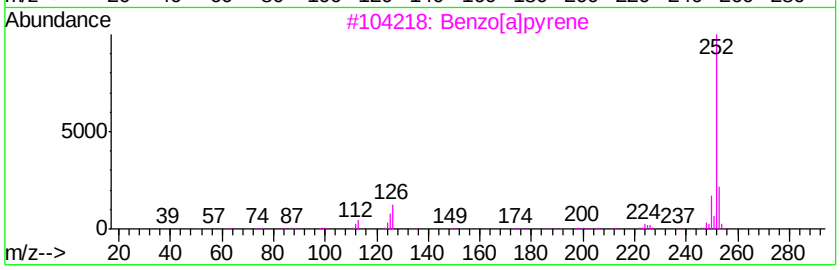
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.62	9.90 ng	475648	Perylene-d12	24.93

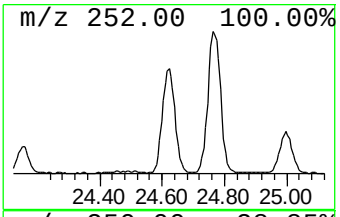
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Perylene	252	C20H12	000198-55-0	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81

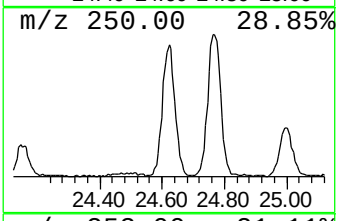


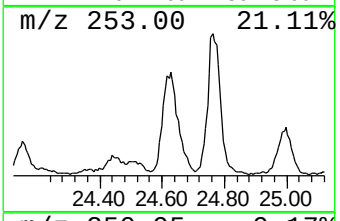


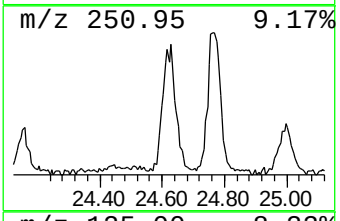


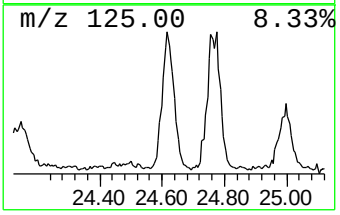












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
Data File : BG042516.D
Acq On : 27 Aug 2019 22:43
Operator : HP/JU
Sample : K4549-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S700A-N-0.0-0.5-082619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

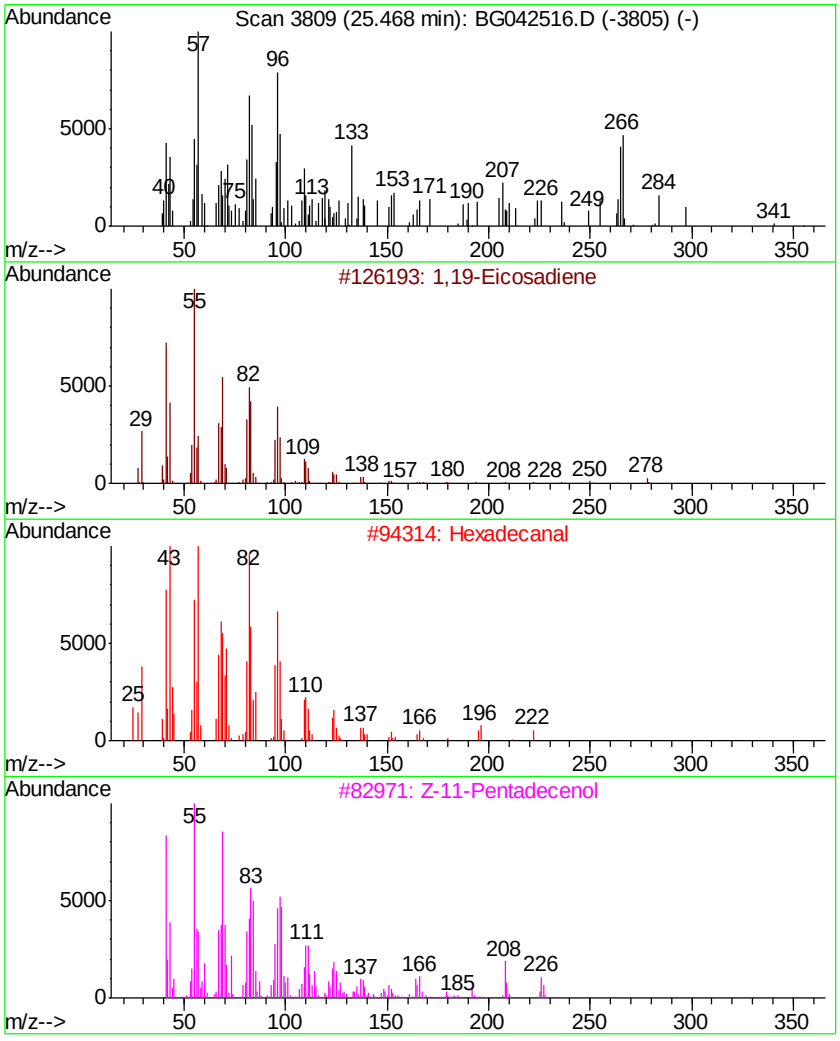
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

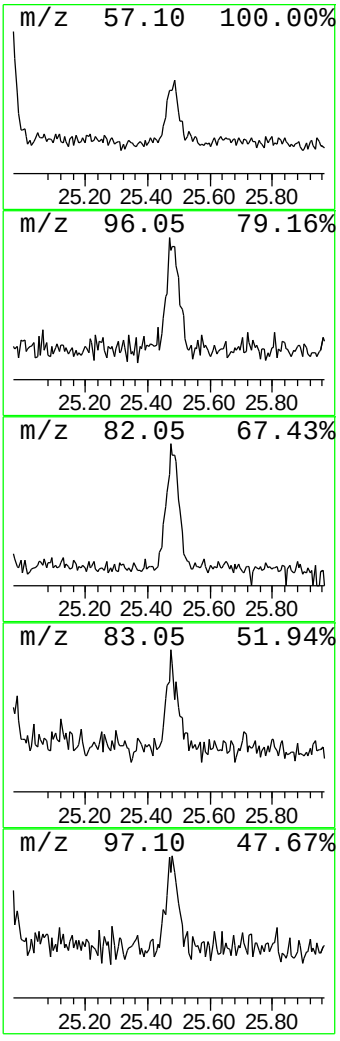
****

Peak Number 14 1,19-Eicosadiene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.47	2.06 ng	99113	Perylene-d12	24.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	58
2	Hexadecanal	240	C16H32O	000629-80-1	53
3	Z-11-Pentadecenol	226	C15H30O	1000130-77-0	49
4	Tetradecanal	212	C14H28O	000124-25-4	47
5	16-Heptadecenal	252	C17H32O	1000144-57-9	46





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Data File : BG042516.D
Acq On : 27 Aug 2019 22:43
Operator : HP/JU
Sample : K4549-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S700A-N-0.0-0.5-082619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

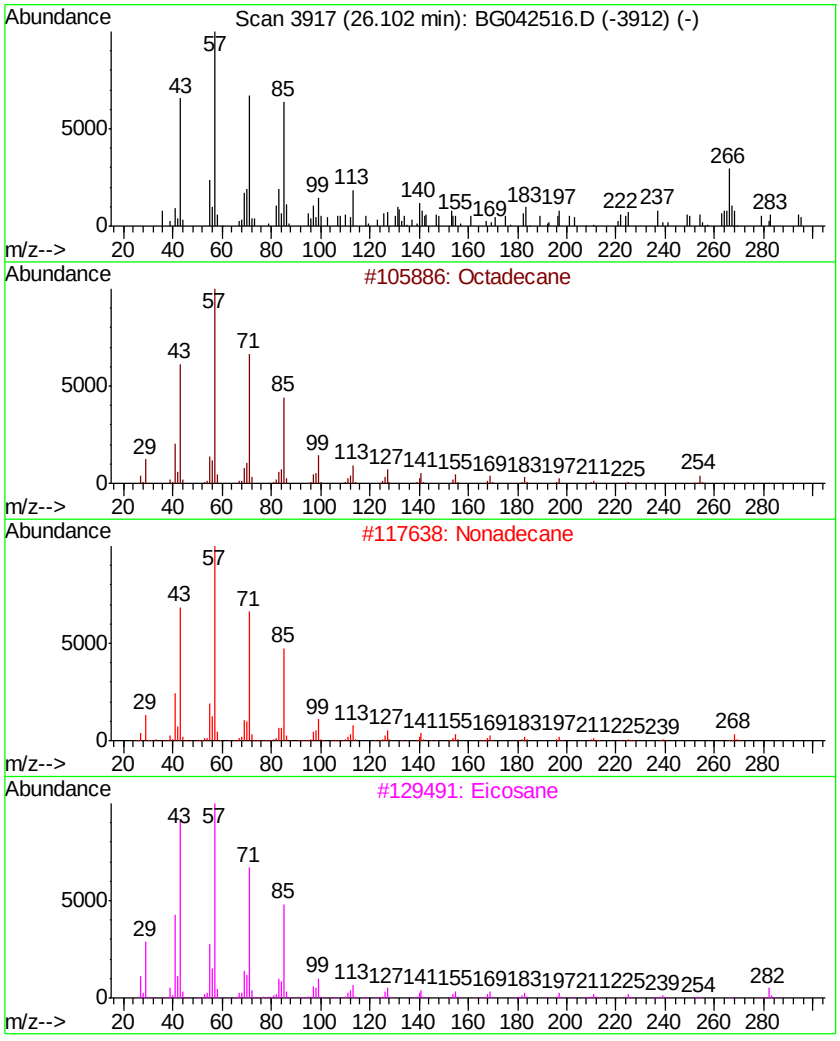
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

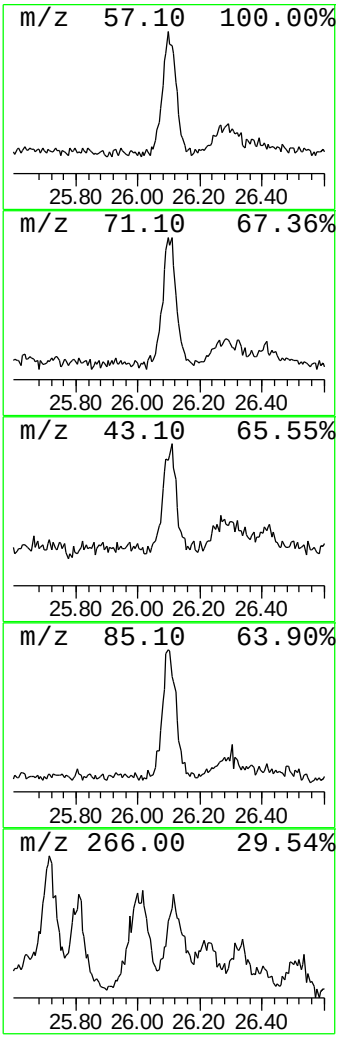
****

Peak Number 15 Octadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.10	2.18 ng	104866	Perylene-d12	24.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	70
2	Nonadecane	268	C19H40	000629-92-5	49
3	Eicosane	282	C20H42	000112-95-8	46
4	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	43
5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	43





Tentatively Identified Compound (LSC) summary

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Data File : BG042516.D
Acq On : 27 Aug 2019 22:43
Operator : HP/JU
Sample : K4549-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S700A-N-0.0-0.5-082619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.12	38.5	ng	323207	1	7.99	168124	20.0
Bicyclo[4.2.0]oct...	5.97	4.6	ng	38831	1	7.99	168124	20.0
unknown7.53	7.53	50.0	ng	420706	1	7.99	168124	20.0
Propanoic acid, 2...	15.45	12.7	ng	248701	3	14.66	393288	20.0
n-Hexadecanoic acid	18.30	5.9	ng	165243	4	17.41	563627	20.0
4H-Cyclopenta[def...	18.48	3.9	ng	110854	4	17.41	563627	20.0
Octadecanoic acid	19.57	3.6	ng	259593	5	21.68	1433840	20.0
11H-Benzo[b]fluorene	20.32	2.2	ng	159079	5	21.68	1433840	20.0
unknown21.35	21.35	4.3	ng	307043	5	21.68	1433840	20.0
1,21-Docosadiene	23.54	6.6	ng	315301	6	24.93	960729	20.0
Behenic alcohol	24.07	9.3	ng	449307	6	24.93	960729	20.0
Benzo[e]pyrene	24.62	9.9	ng	475648	6	24.93	960729	20.0
1,19-Eicosadiene	25.47	2.1	ng	99113	6	24.93	960729	20.0
Octadecane	26.10	2.2	ng	104866	6	24.93	960729	20.0