LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053651.D
Acq On : 20 May 2022 19:44
Operator : CG/JU
Sample : N2911-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

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-BG050522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053651.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.155	296	301	311	rBV	22146	39065	2.07%	0.181%
2	5.637	377	383	400	rVB	619755	1062231	56.22%	4.909%
3	6.747	565	572	580	rBV	138915	227811	12.06%	1.053%
4	7.241	646	656	672	rBV	648618	1197875	63.39%	5.536%
5	7.370	673	678	686	rVB2	18210	31498	1.67%	0.146%
6	8.069	788	797	804	rBV	128501	221290	11.71%	1.023%
7	8.286	828	834	842	rBV	89960	151630	8.02%	0.701%
8	9.232	988	995	1009	rVB	422504	769185	40.71%	3.555%
9	10.877	1266	1275	1283	rBV	176077	324548	17.18%	1.500%
10	13.315	1683	1690	1698	rBV	1006923	1599826	84.67%	7.394%
11	14.020	1805	1810	1815	rVB5	25399	39664	2.10%	0.183%
12	14.137	1823	1830	1839	rBV	16739	32110	1.70%	0.148%
13	14.695	1919	1925	1932	rVB	281344	423084	22.39%	1.955%
14	14.760	1932	1936	1939	rVB3	12956	19487	1.03%	0.090%
15	14.942	1962	1967	1975	rBV5	23077	42743	2.26%	0.198%
16	15.101	1988	1994	2001	rBV6	7832	20171	1.07%	0.093%
17	15.236	2011	2017	2023	rVB9	11188	22077	1.17%	0.102%
18	15.576	2070	2075	2079	rBV3	15215	22313	1.18%	0.103%
19	15.682	2086	2093	2099	rBV5	33946	67158	3.55%	0.310%
20	15.741	2099	2103	2108	rVB2	13724	24770	1.31%	0.114%
21	16.187	2172	2179	2186	rBV	767119	1210753	64.08%	5.595%
22	16.328	2199	2203	2210	rVB7	10675	22039	1.17%	0.102%
23	16.422	2215	2219	2223	rVB	32772	48940	2.59%	0.226%
24	16.516	2229	2235	2239	rBV	69672	107129	5.67%	0.495%
25	16.575	2240	2245	2250	rVB2	68287	128094	6.78%	0.592%
26	16.634	2250	2255	2259	rBV2	76649	101963	5.40%	0.471%
27	16.681	2259	2263	2267	rVB2	40711	53669	2.84%	0.248%
28	16.728	2267	2271	2273	rBV3	19514	24771	1.31%	0.114%
29	16.781	2278	2280	2284	rVB3	24222	27414	1.45%	0.127%
30	16.834	2284	2289	2296	rBV4	73754	135527	7.17%	0.626%
31	16.898	2296	2300	2304	rBV	73646	105892	5.60%	0.489%
32	16.975	2310	2313	2318	rVB3	42518	56903	3.01%	0.263%
33	17.180	2342	2348	2352	rBV9	15846	27068	1.43%	0.125%
34	17.327	2369	2373	2380	rBV7	21845	43730	2.31%	0.202%
35	17.445	2387	2393	2396	rBV	305593	480956	25.45%	2.223%
36	17.486	2396	2400	2410	rVB	203615	331207	17.53%	1.531%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053651.D
Acq On : 20 May 2022 19:44
Operator : CG/JU
Sample : N2911-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

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-BG050522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.586	2410	2417	2423	rBV2	99163	173373	9.18%	0.801%
38	17.632	2423	2425	2431	rVB3	12774	19870	1.05%	0.092%
39	17.791	2446	2452	2457	rBV	64413	95777	5.07%	0.443%
40	17.844	2457	2461	2465	rVB	20546	32793	1.74%	0.152%
41	18.026	2488	2492	2496	rBV5	13533	20999	1.11%	0.097%
42	18.208	2517	2523	2528	rBV6	35013	74503	3.94%	0.344%
43	18.267	2529	2533	2537	rBV3	34924	47948	2.54%	0.222%
44	18.326	2538	2543	2547	rBV2	228927	335043	17.73%	1.548%
45	18.514	2569	2575	2579	rBV2	55038	109041	5.77%	0.504%
46	18.666	2598	2601	2605	rBV3	18468	22021	1.17%	0.102%
47	18.813	2622	2626	2629	rBV	31392	49755	2.63%	0.230%
48	18.854	2630	2633	2641	rVB3	60493	110380	5.84%	0.510%
49	19.236	2694	2698	2703	rVB3	42591	52748	2.79%	0.244%
50	19.495	2736	2742	2747	rBV	509728	740251	39.18%	3.421%
51	19.589	2755	2758	2767	rBV3	80054	138215	7.31%	0.639%
52	19.765	2785	2788	2793	rVB3	39066	45270	2.40%	0.209%
53	19.824	2793	2798	2799	rBV2	72699	106858	5.66%	0.494%
54	19.859	2799	2804	2810	rVB2	460159	716119	37.90%	3.310%
55	20.047	2830	2836	2841	rVB	1464205	1889583	100.00%	8.733%
56	20.341	2883	2886	2893	rVB2	168274	229470	12.14%	1.060%
57	20.446	2900	2904	2908	rBV	57493	82829	4.38%	0.383%
58	20.699	2944	2947	2954	rVB3	130434	210532	11.14%	0.973%
59	21.228	3033	3037	3042	rBV7	58507	113103	5.99%	0.523%
60	21.345	3052	3057	3061	rBV2	386136	499747	26.45%	2.310%
61	21.592	3096	3099	3105	rVB3	66290	101999	5.40%	0.471%
62	21.715	3113	3120	3126	rBV2	370836	909264	48.12%	4.202%
63	21.768	3126	3129	3137	rVB	214071	326812	17.30%	1.510%
64	22.514	3250	3256	3271	rVB	464569	1024285	54.21%	4.734%
65	23.959	3495	3502	3506	rBV	146848	401762	21.26%	1.857%
66	24.024	3507	3513	3520	rVV2	611110	1369598	72.48%	6.330%
67	24.094	3520	3525	3536	rVB7	116746	306802	16.24%	1.418%
68	24.688	3622	3626	3637	rVB	100463	271882	14.39%	1.256%
69	24.840	3646	3652	3664	rVB	116196	336263	17.80%	1.554%
70	24.993	3670	3678	3687	rVB2	175785	497924	26.35%	2.301%
71	26.127	3863	3871	3882	rVB3	305967	930716	49.26%	4.301%

Sum of corrected areas: 21638126

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Acq On : 20 May 2022 19:44
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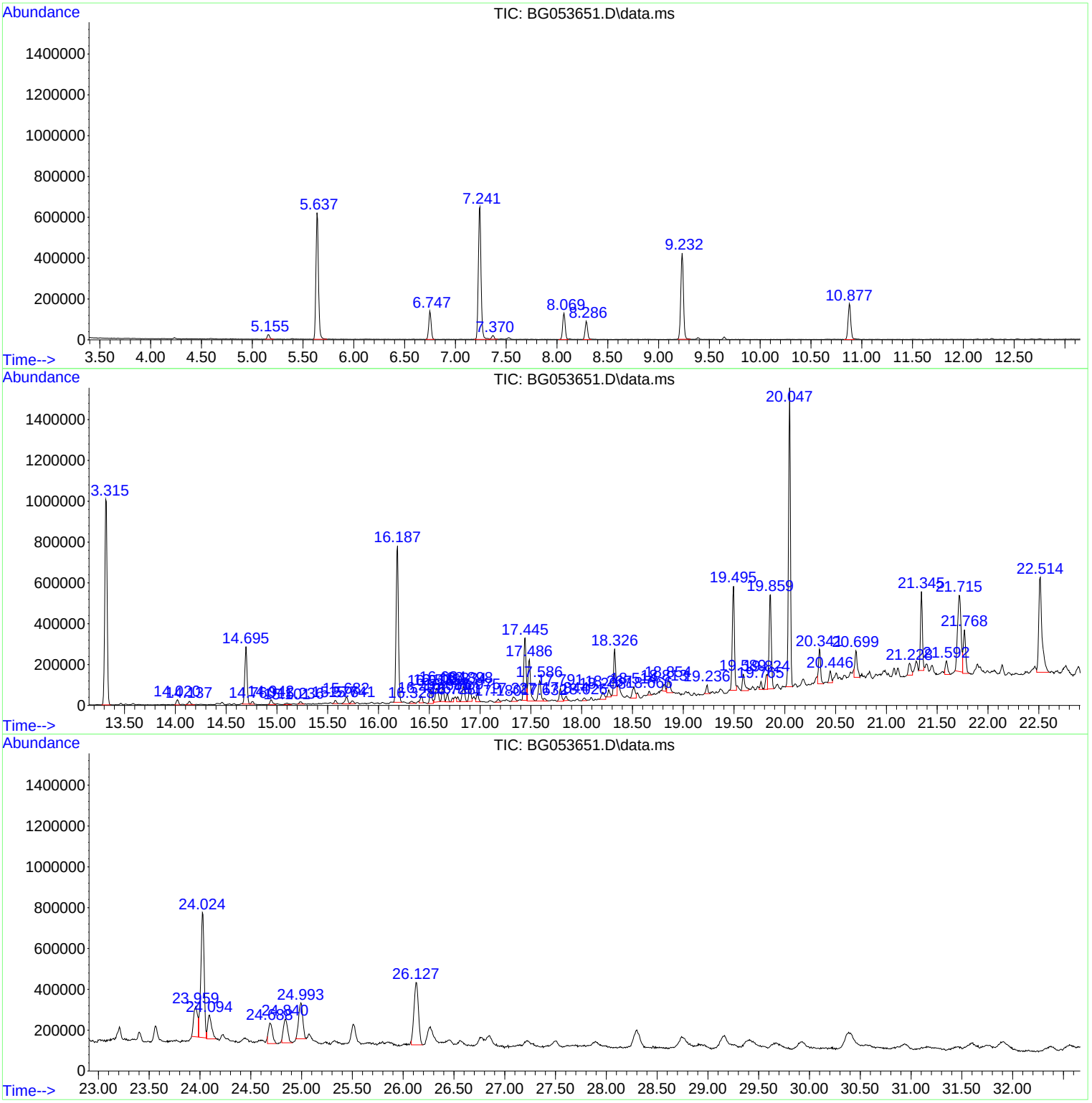
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053651.D
Acq On : 20 May 2022 19:44
Operator : CG/JU
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Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

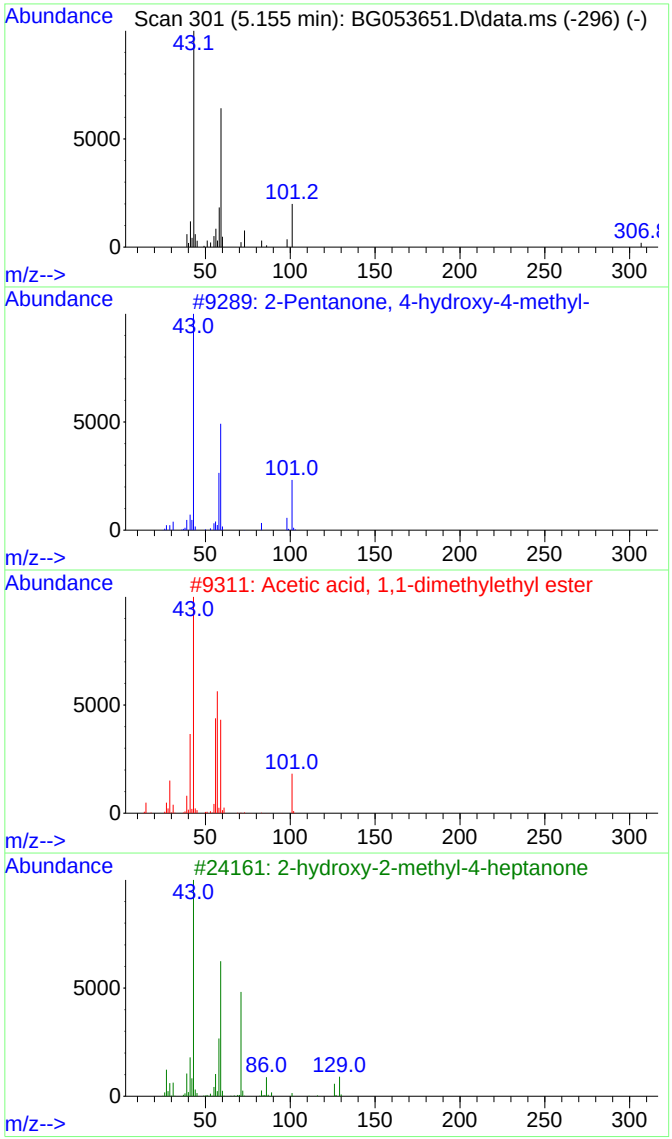
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

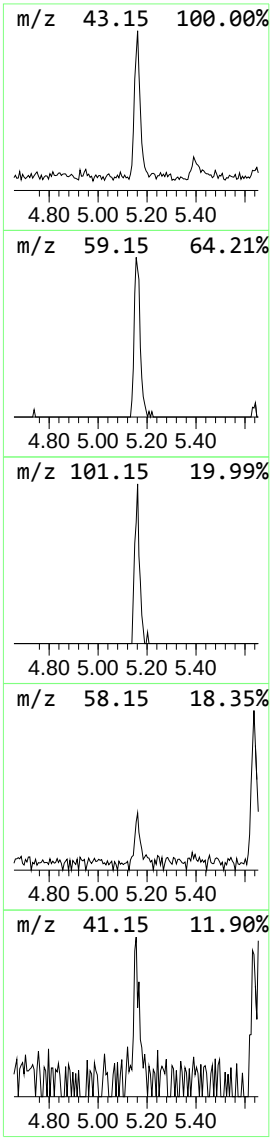
****

Peak Number 1 unknown5.155 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.155	3.53 ng	39065	1,4-Dichlorobenzene-d4	8.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2-hydroxy-2-methyl-4-heptanone	144	C8H16O2	054862-91-8	36
4	3-Octanol	130	C8H18O	000589-98-0	33
5	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053651.D
Acq On : 20 May 2022 19:44
Operator : CG/JU
Sample : N2911-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

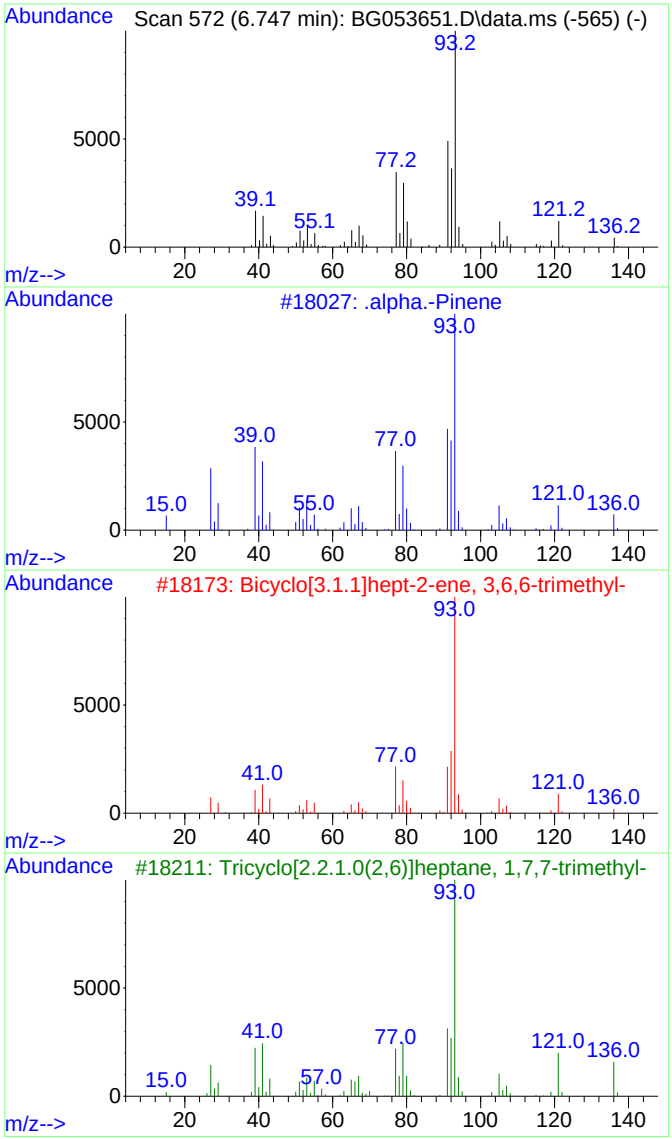
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

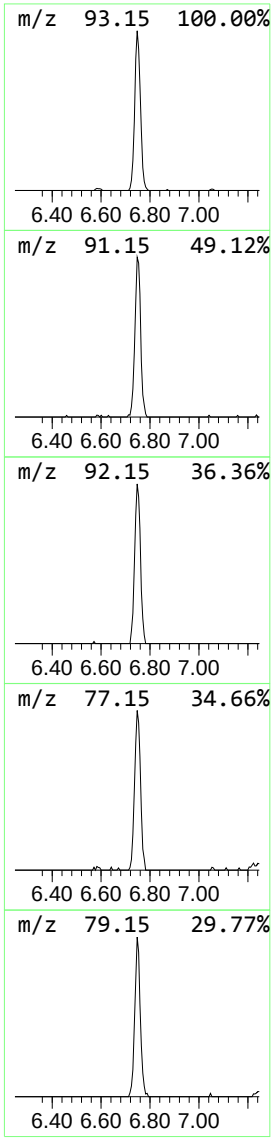
****

Peak Number 2 .alpha.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.747	20.59 ng	227811	1,4-Dichlorobenzene-d4	8.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
3	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
4	3-Carene	136	C10H16	013466-78-9	91
5	(+)-3-Carene	136	C10H16	000498-15-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053651.D
Acq On : 20 May 2022 19:44
Operator : CG/JU
Sample : N2911-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

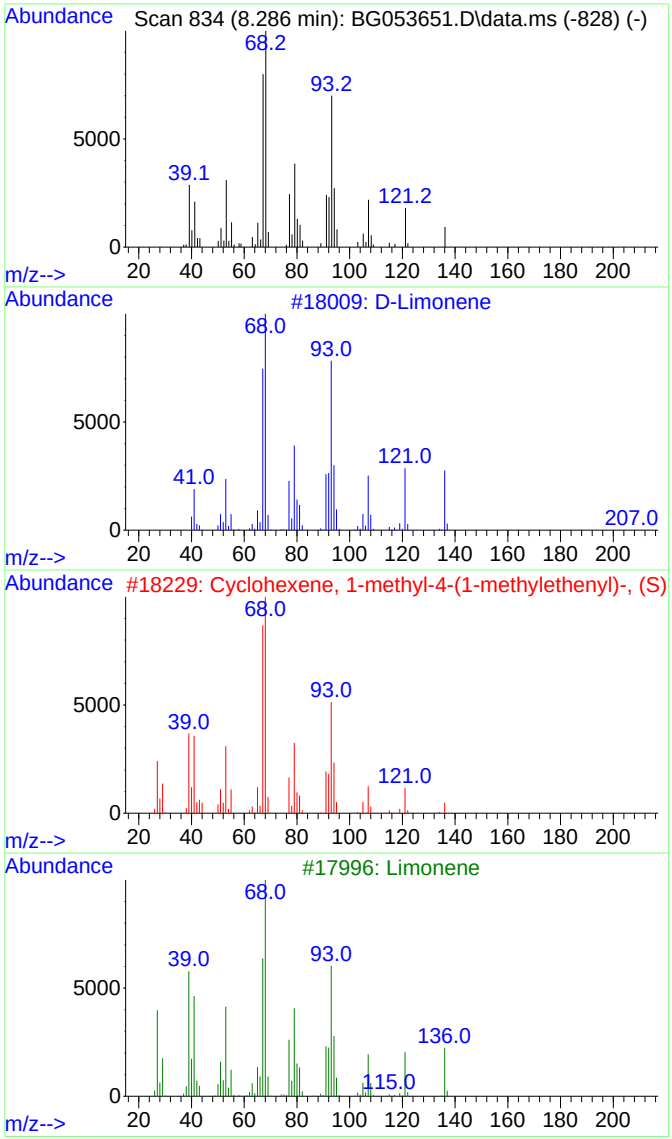
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

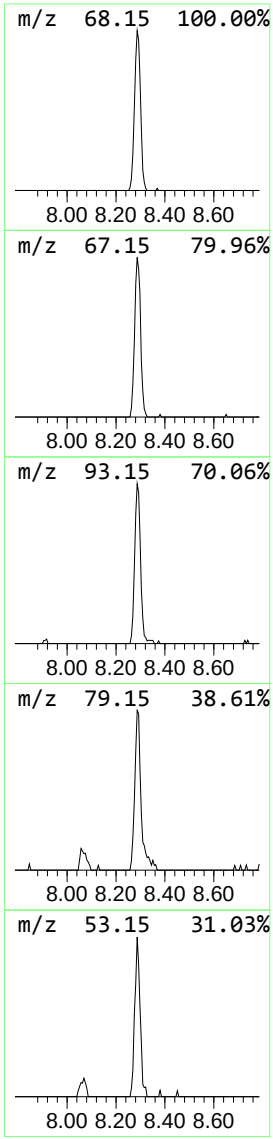
****

Peak Number 3 D-Limonene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.286	13.70 ng	151630	1,4-Dichlorobenzene-d4	8.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	98
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	95
3	Limonene	136	C10H16	000138-86-3	91
4	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	90
5	Cyclohexanol, 1-methyl-4-(1-meth...	196	C12H20O2	010198-23-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053651.D
Acq On : 20 May 2022 19:44
Operator : CG/JU
Sample : N2911-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

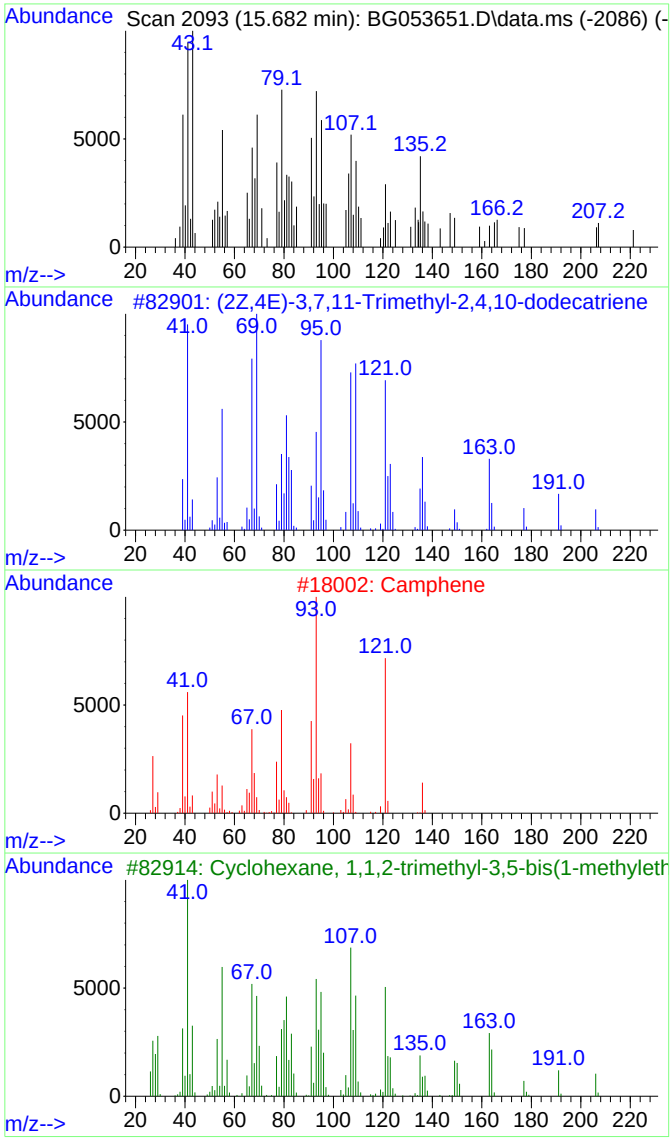
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

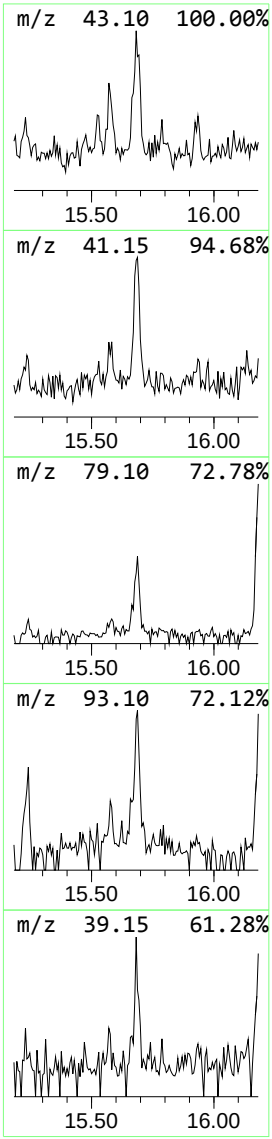
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (2Z,4E)-3,7,11-Trimethyl-2,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.682	3.17 ng	67158	Acenaphthene-d10	14.695

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2Z,4E)-3,7,11-Trimethyl-2,4,10-...	206	C15H26	172549-29-0	50
2	Camphene	136	C10H16	000079-92-5	47
3	Cyclohexane, 1,1,2-trimethyl-3,5...	206	C15H26	062337-96-6	46
4	5-Methyl-3a,4,7,7a-tetrahydro-3H...	135	C9H13N	1000436-55-9	45
5	1H-Cycloprop[e]azulene, decahydr...	206	C15H26	028580-43-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
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Acq On : 20 May 2022 19:44
Operator : CG/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

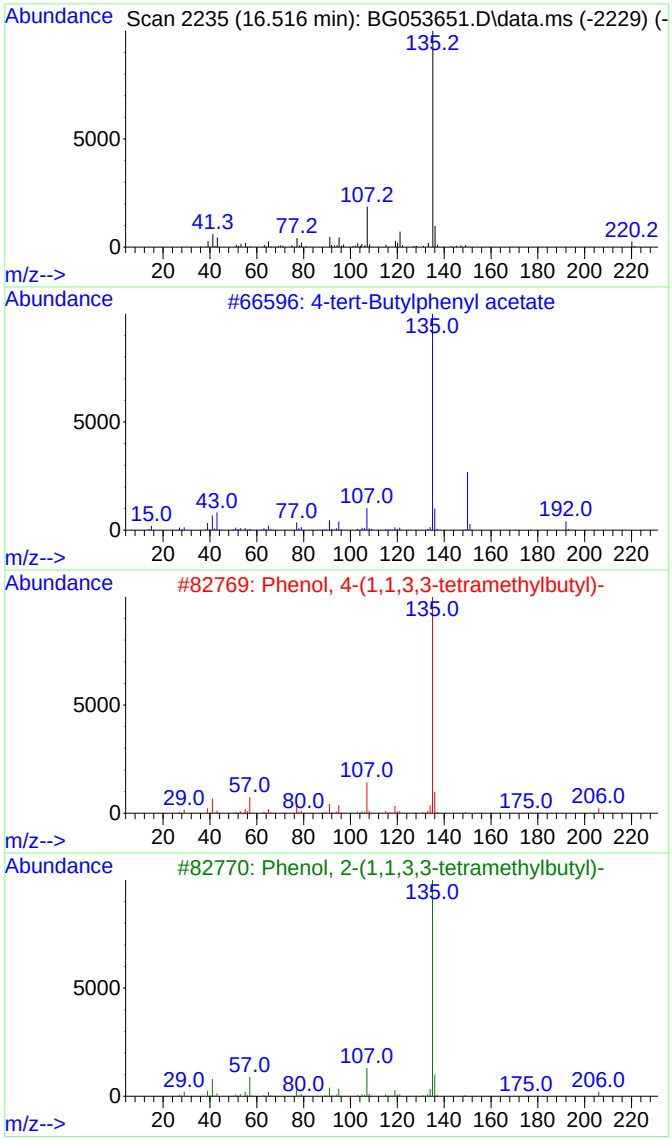
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

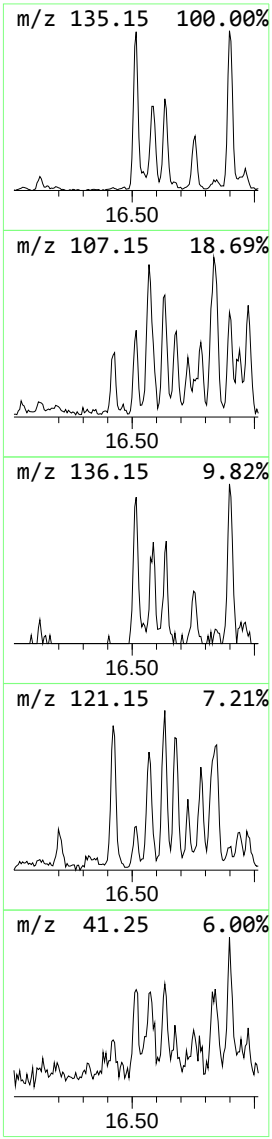
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4-tert-Butylphenyl acetate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.516	4.45 ng	107129	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	78
4	Benzeneacetonitrile, 4-fluoro-	135	C8H6FN	000459-22-3	72
5	2-tert-Butylphenol, O-isopropylo...	236	C14H20O3	1000487-38-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053651.D
Acq On : 20 May 2022 19:44
Operator : CG/JU
Sample : N2911-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

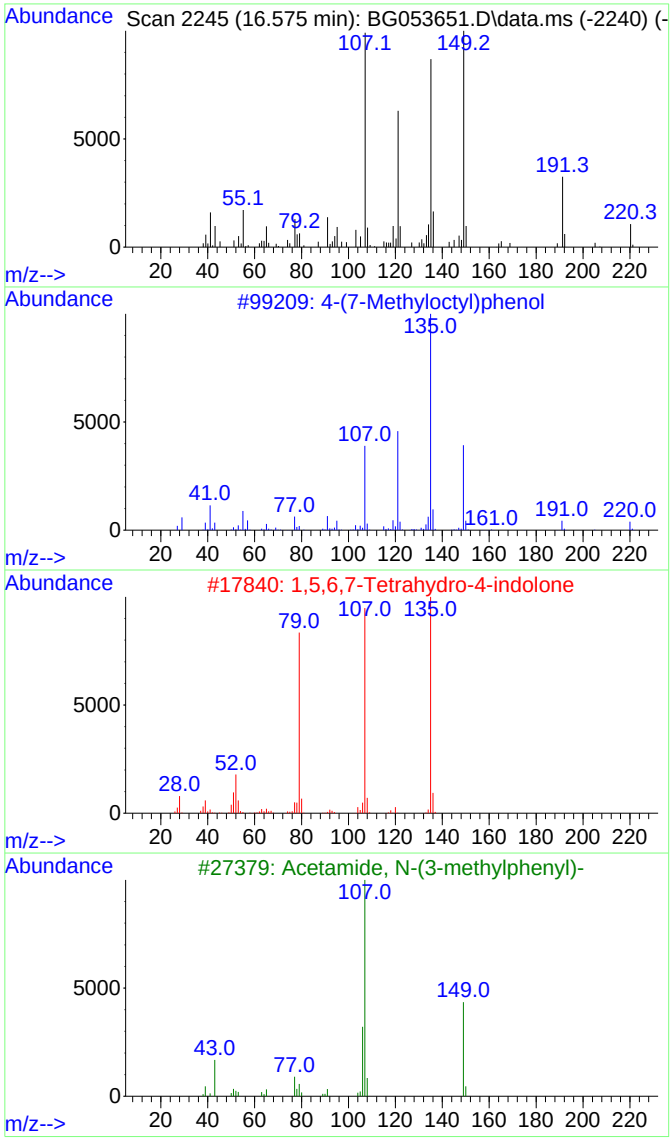
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

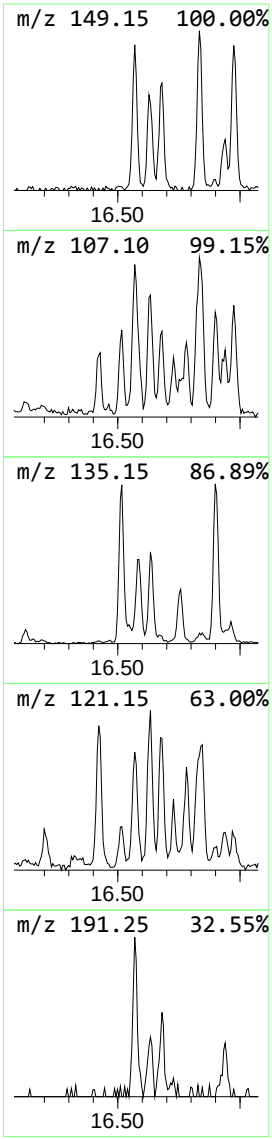
****

Peak Number 6 4-(7-Methyloctyl)phenol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.575	5.33 ng	128094	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	64
2	1,5,6,7-Tetrahydro-4-indolone	135	C8H9NO	013754-86-4	46
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	43
4	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	43
5	Hexestrol, O-acetyl-	312	C20H24O3	1000374-87-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053651.D
Acq On : 20 May 2022 19:44
Operator : CG/JU
Sample : N2911-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

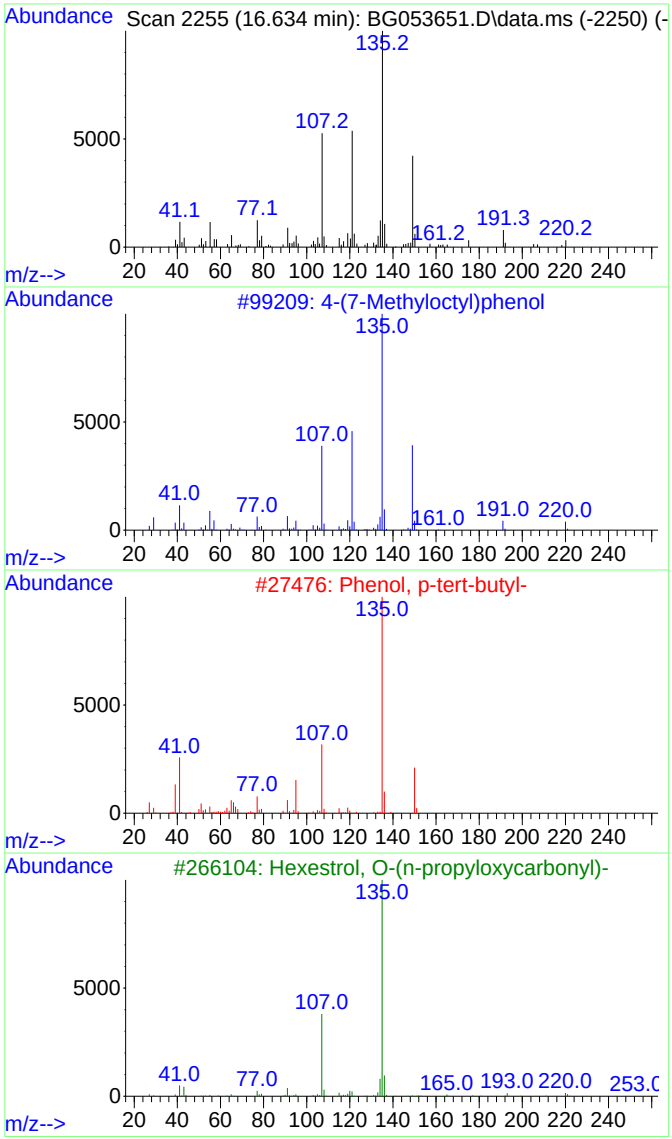
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

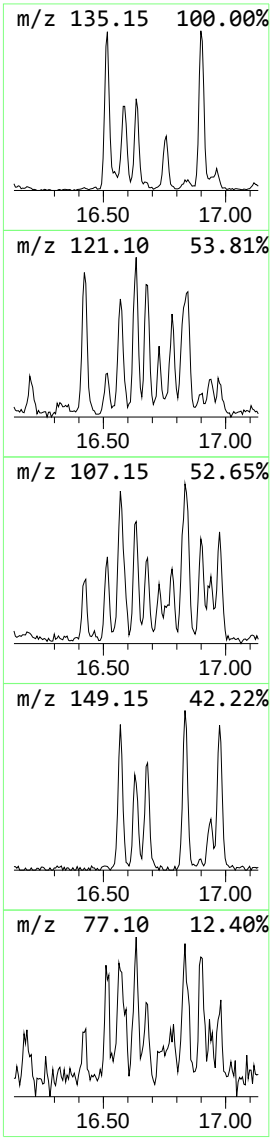
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenol, p-tert-butyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.634	4.24 ng	101963	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	87
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	58
3	Hexestrol, O-(n-propyloxycarbonyl)-	356	C22H28O4	1000487-65-1	53
4	Hexestrol, O-methoxycarbonyl-	328	C20H24O4	1000487-66-3	53
5	Imidazo[1,2-c]pyrimidin-5-ol	135	C6H5N3O	055662-66-3	52





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Acq On : 20 May 2022 19:44
Operator : CG/JU
Sample : N2911-01
Misc :
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Instrument :
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ClientSampleId :
PASSAIC-AVE-SP

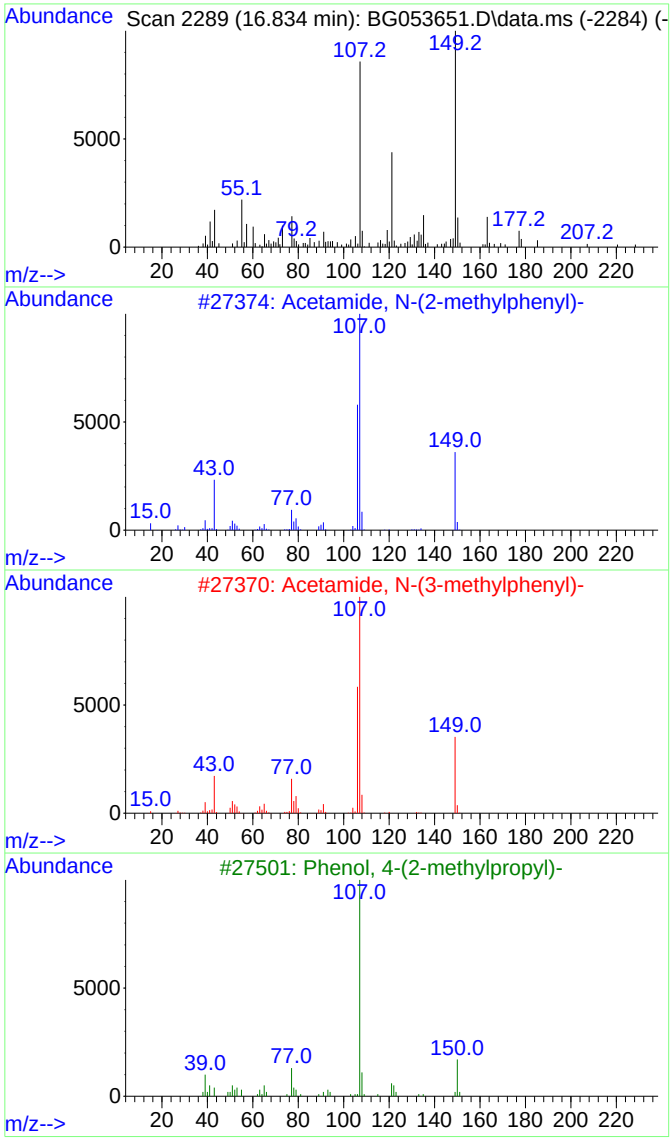
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

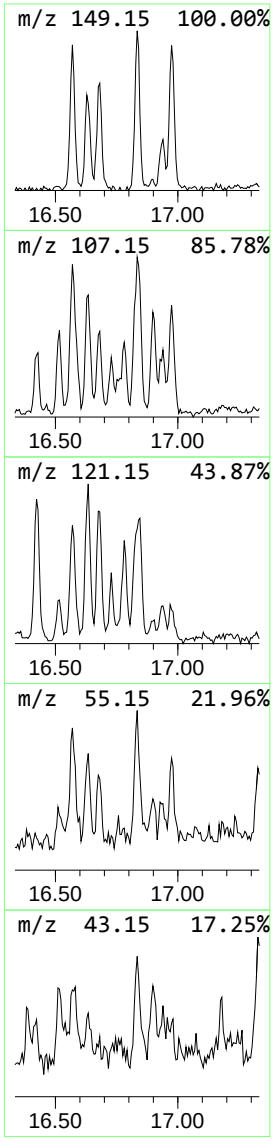
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Acetamide, N-(2-methylphenyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.834	5.64 ng	135527	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	59
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	46
3	Phenol, 4-(2-methylpropyl)-	150	C10H14O	004167-74-2	38
4	Benzene, 1-ethoxy-4-ethyl-	150	C10H14O	001585-06-4	38
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38





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Misc :
ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
PASSAIC-AVE-SP

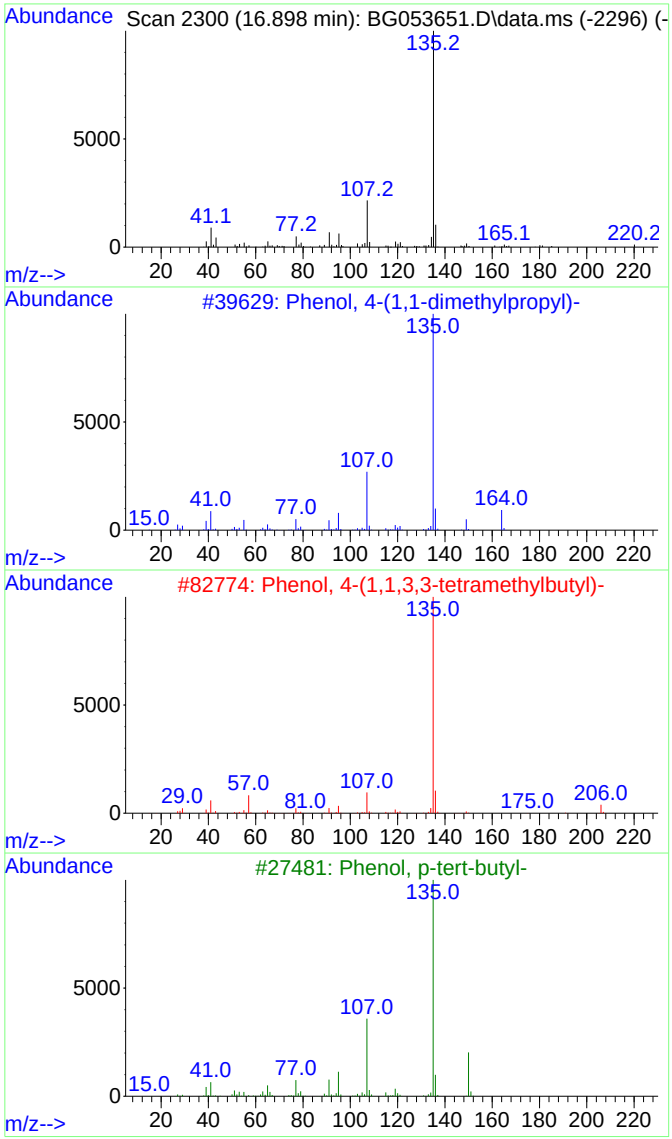
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

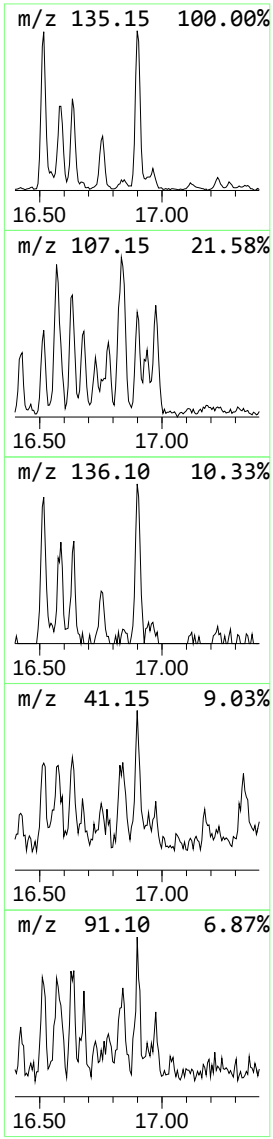
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenol, 4-(1,1-dimethylprop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.898	4.40 ng	105892	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	72
4	Hexestrol	270	C18H22O2	000084-16-2	72
5	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64





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Sample : N2911-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PASSAIC-AVE-SP

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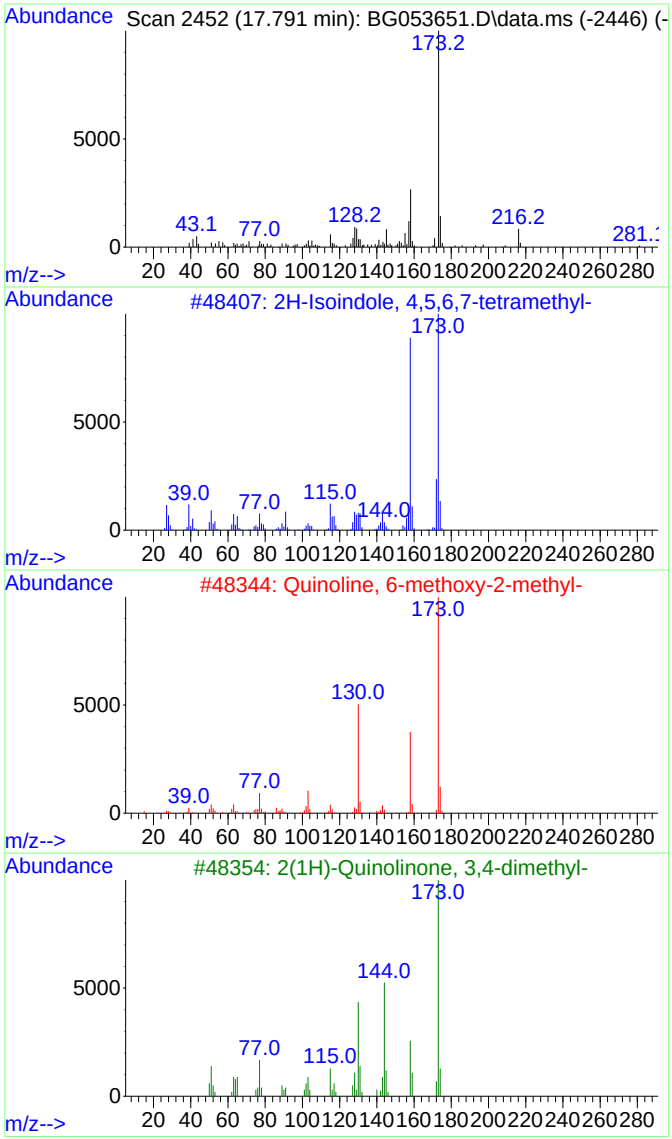
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

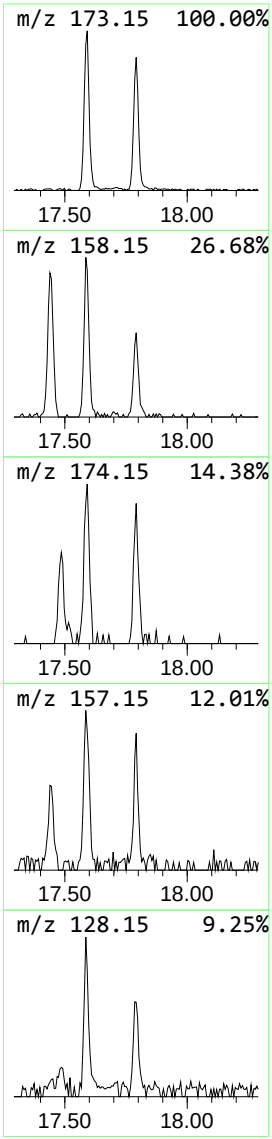
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2H-Isoindole, 4,5,6,7-tetra... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.791	3.98 ng	95777	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Isoindole, 4,5,6,7-tetramethyl-	173	C12H15N	070187-61-0	72
2	Quinoline, 6-methoxy-2-methyl-	173	C11H11NO	001078-28-0	53
3	2(1H)-Quinolinone, 3,4-dimethyl-	173	C11H11NO	017336-90-2	50
4	1,8-Naphthyridin-2-amine, 5,7-di...	173	C10H11N3	039565-07-6	50
5	1'H-Spiro[cyclohexane-1,2'-quina...	216	C13H16N2O	000950-31-2	49





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

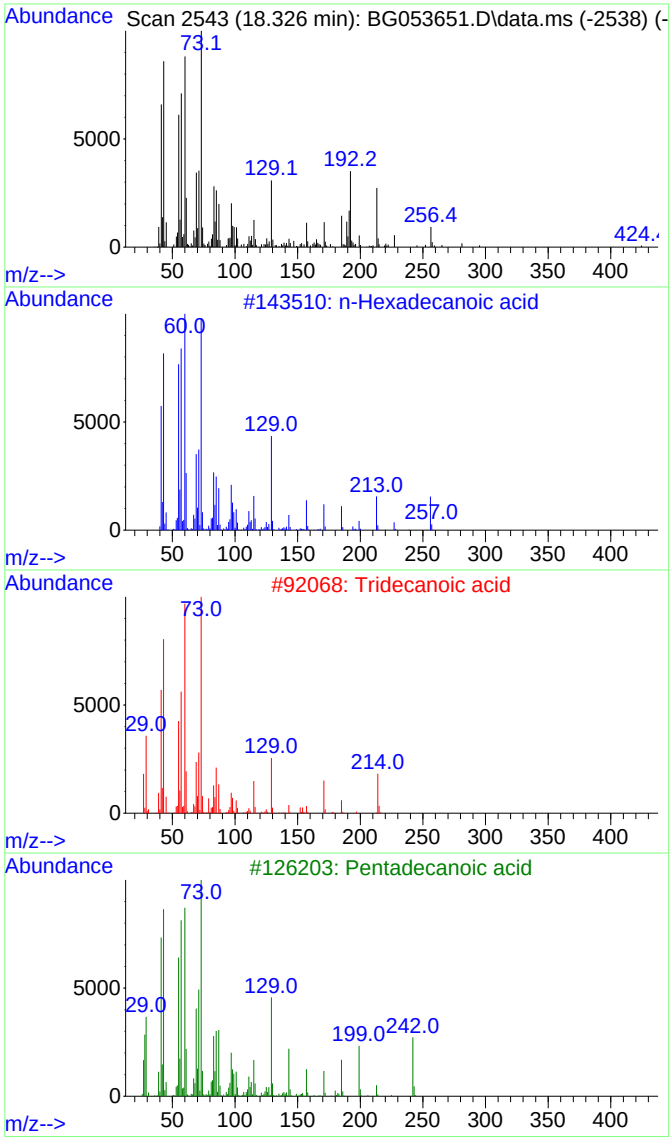
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

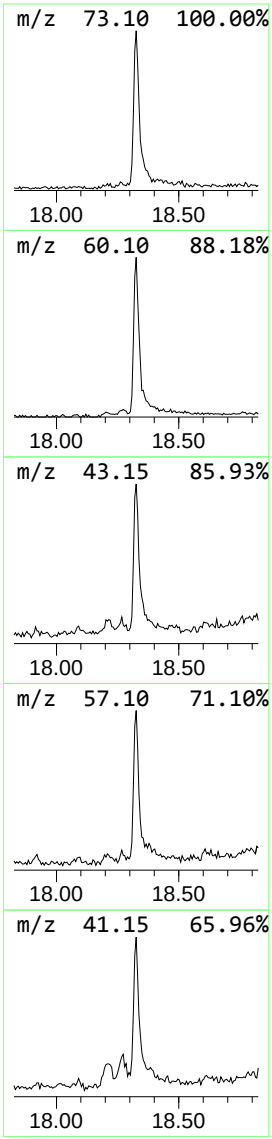
****

Peak Number 11 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.326	13.93 ng	335043	Phenanthrene-d10	17.445

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	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Octadecanoic acid	284	C18H36O2	000057-11-4	58





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ClientSampleId :
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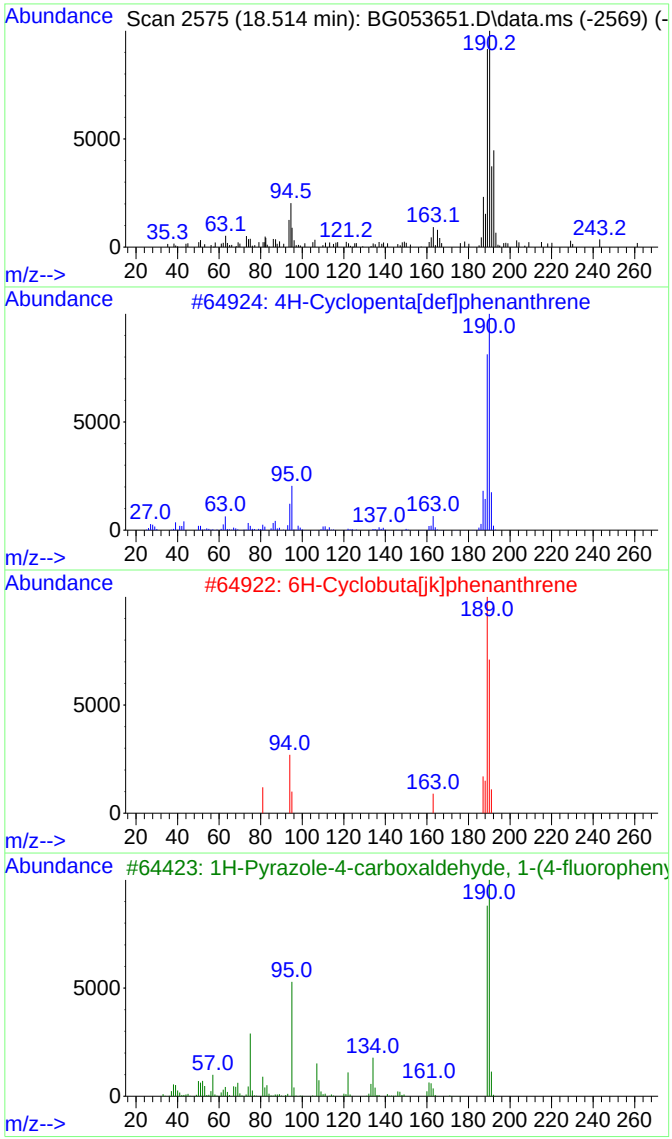
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

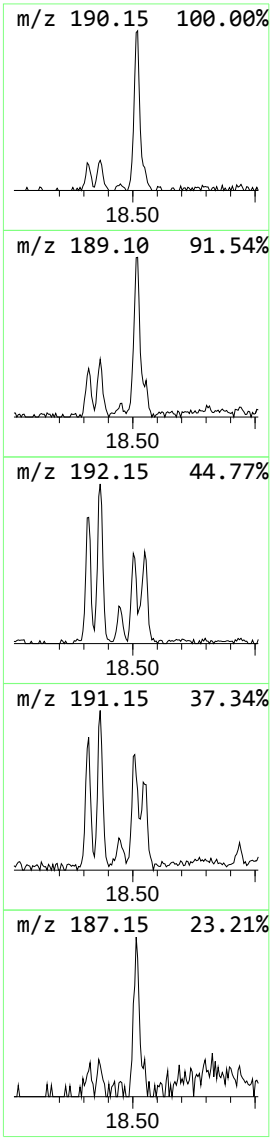
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.514	4.53 ng	109041	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	38
3	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	38
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	4-(4-Methyl-piperidin-1-yl)-phen...	190	C12H18N2	342013-25-6	28





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ClientSampleId :
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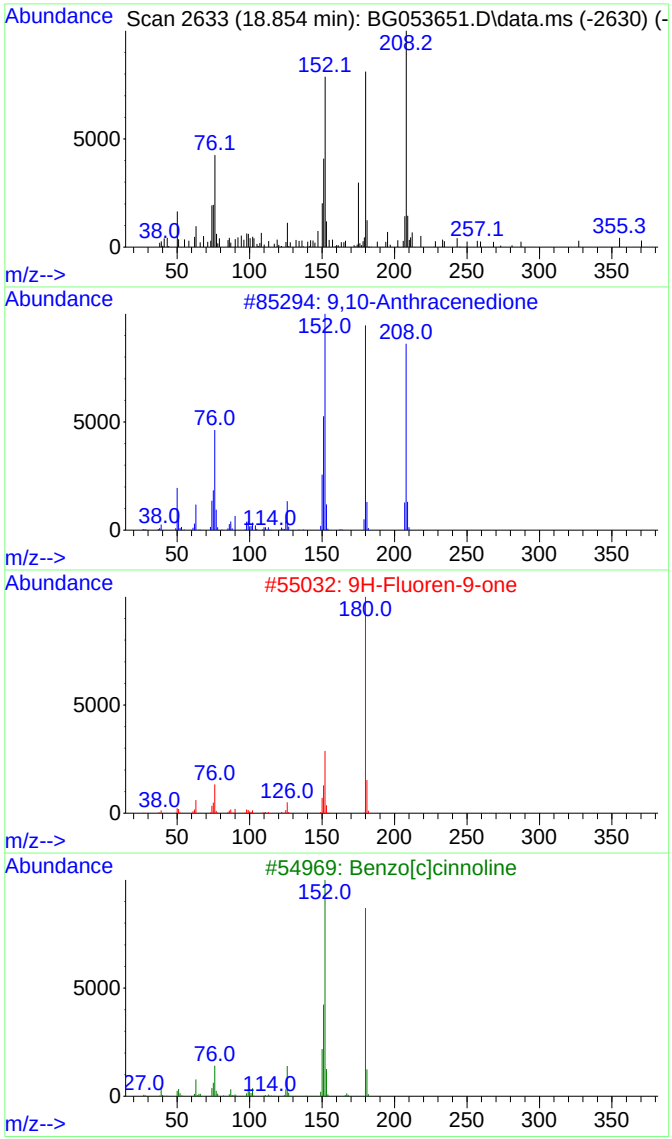
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

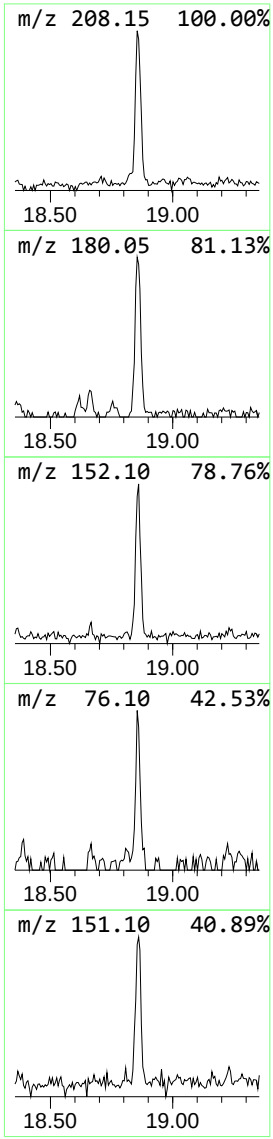
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.854	4.59 ng	110380	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	49
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	46





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

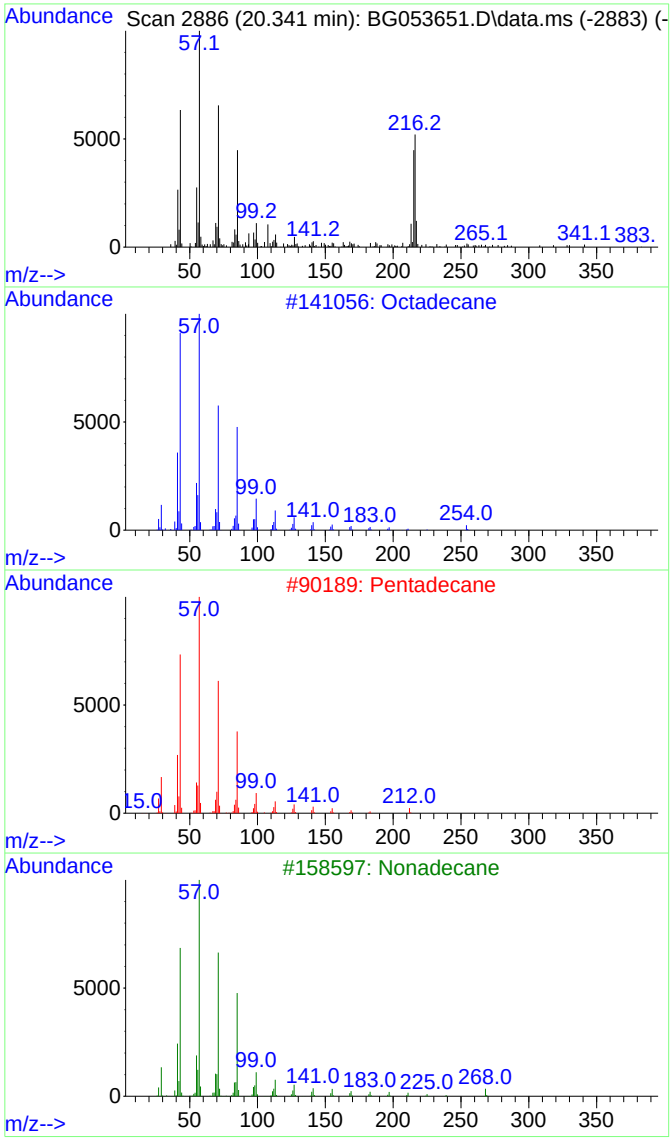
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

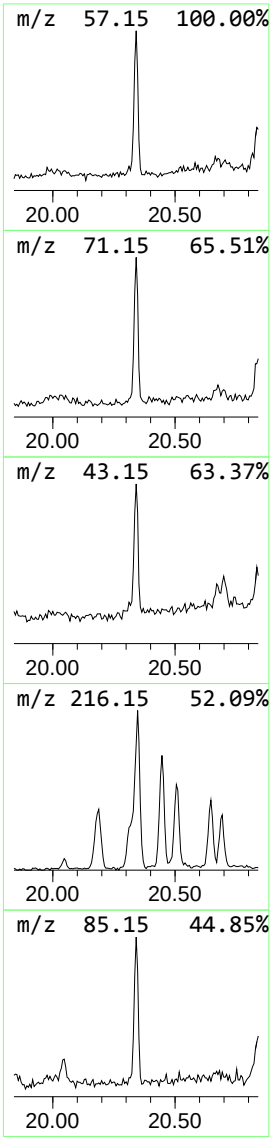
****

Peak Number 14 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.341	5.05 ng	229470	Chrysene-d12	21.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Pentadecane	212	C15H32	000629-62-9	90
3	Nonadecane	268	C19H40	000629-92-5	64
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	47
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	46





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Sample : N2911-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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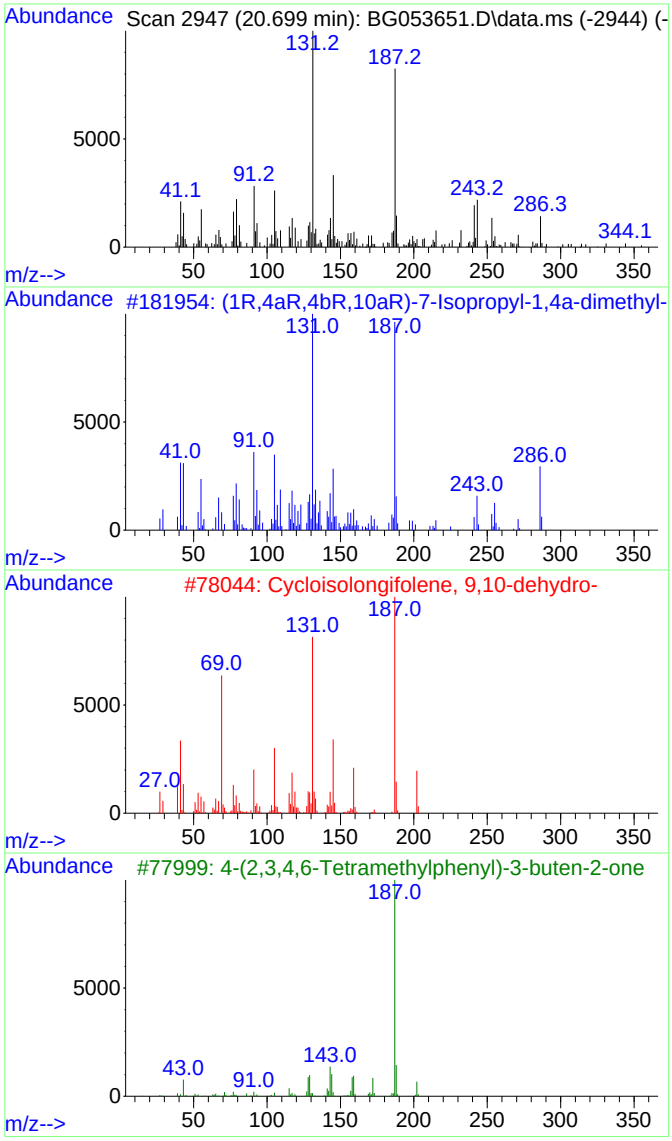
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

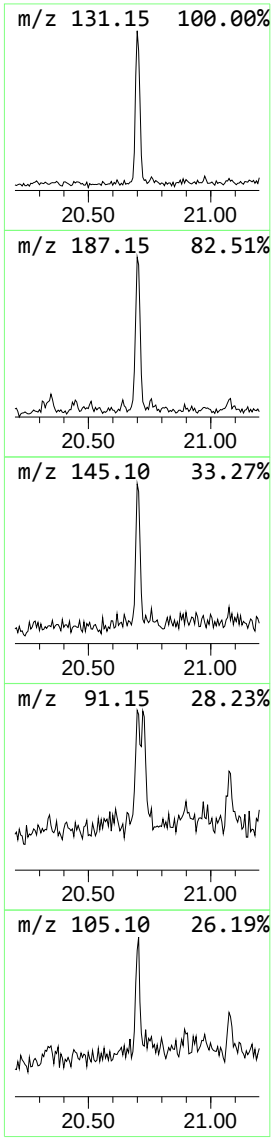
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (1R,4aR,4bR,10aR)-7-Isoprop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.699	4.63 ng	210532	Chrysene-d12	21.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R,4aR,4bR,10aR)-7-Isopropyl-1,...	286	C20H30O	006704-50-3	68
2	Cycloisolongifolene, 9,10-dehydro-	202	C15H22	1000156-81-6	43
3	4-(2,3,4,6-Tetramethylphenyl)-3-...	202	C14H18O	094112-30-8	30
4	1H-Benzoimidazole, 1-isobutyl-2-...	280	C18H20N2O	1000303-90-0	27
5	1-Azabicyclo[2.2.2]octane, 3-phe...	187	C13H17N	058822-88-1	25





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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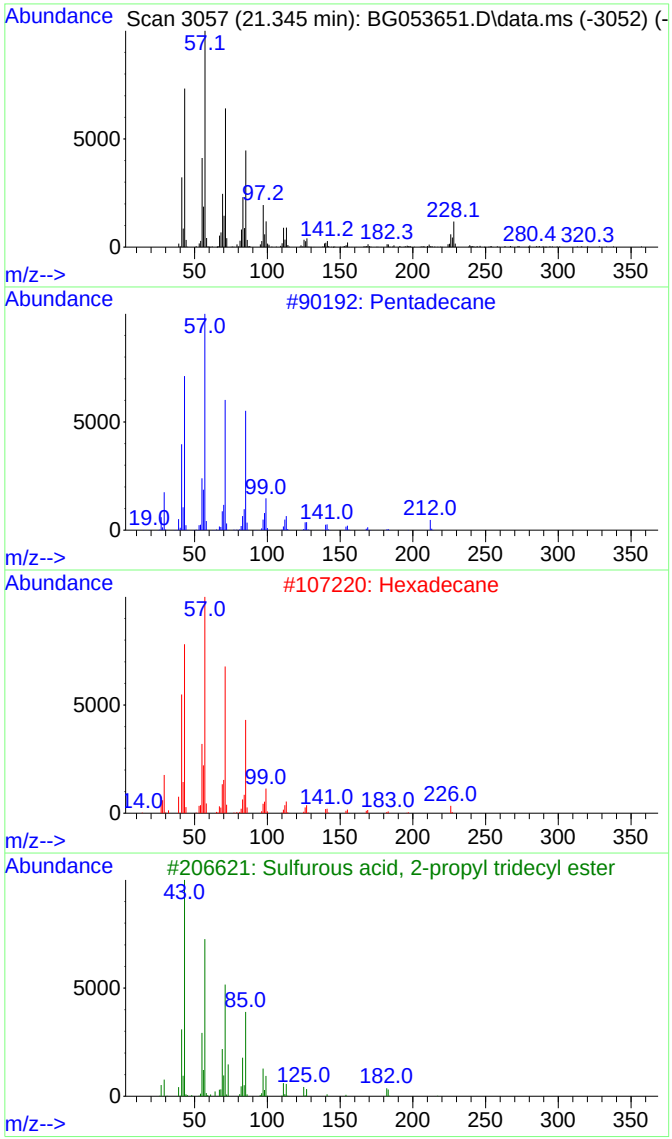
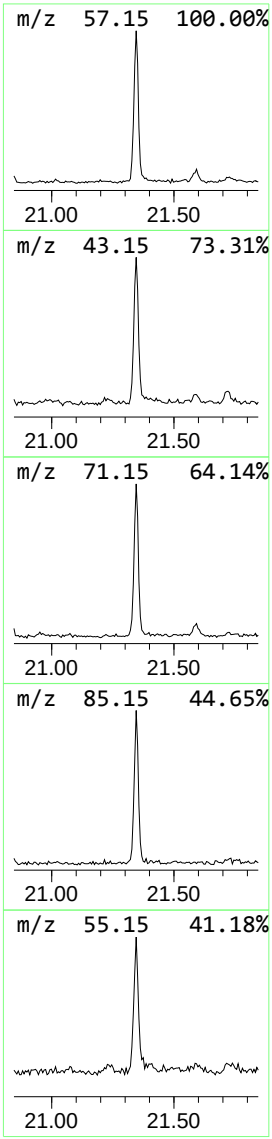
Peak Number 16 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.345	10.99 ng	499747	Chrysene-d12	21.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	92
2	Hexadecane	226	C16H34	000544-76-3	86
3	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	83
4	Tetratetracontane	619	C44H90	007098-22-8	83
5	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	83





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ALS Vial : 11 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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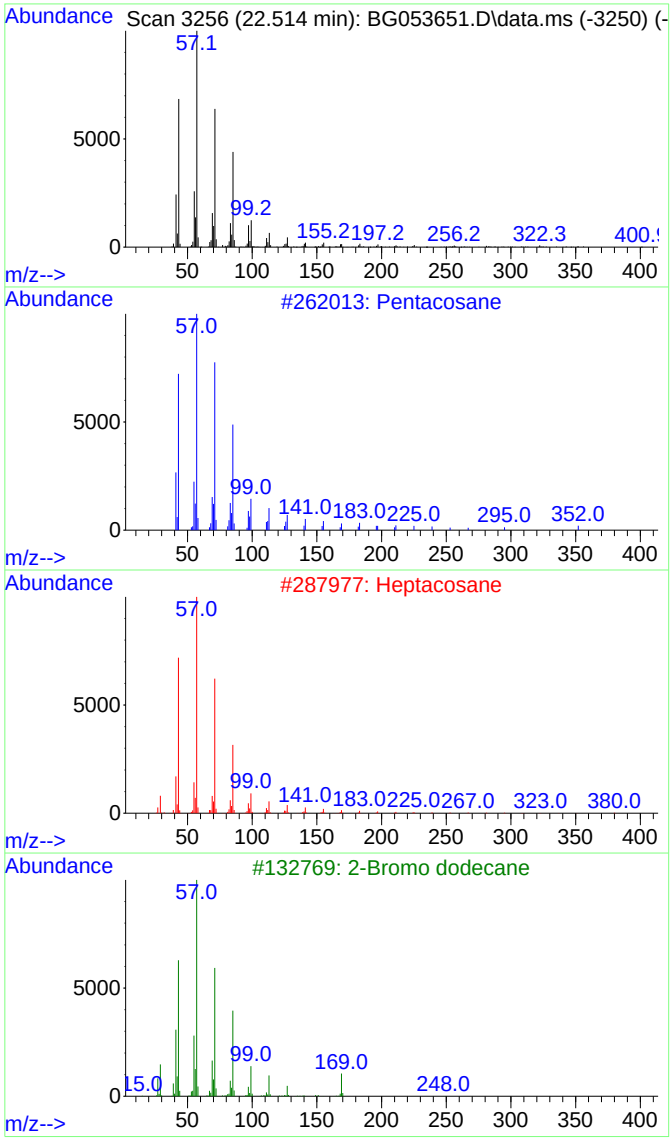
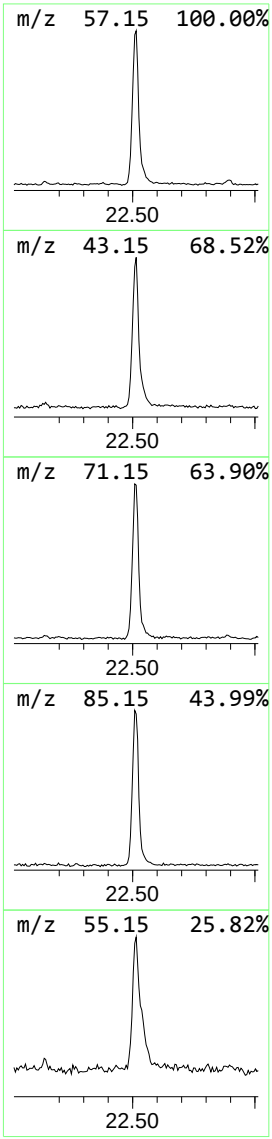
Peak Number 17 Pentacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.514	22.53 ng	1024290	Chrysene-d12	21.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	93
2	Heptacosane	380	C27H56	000593-49-7	91
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Hexacosane	366	C26H54	000630-01-3	91





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TIC Library : C:\Database\NIST20.L
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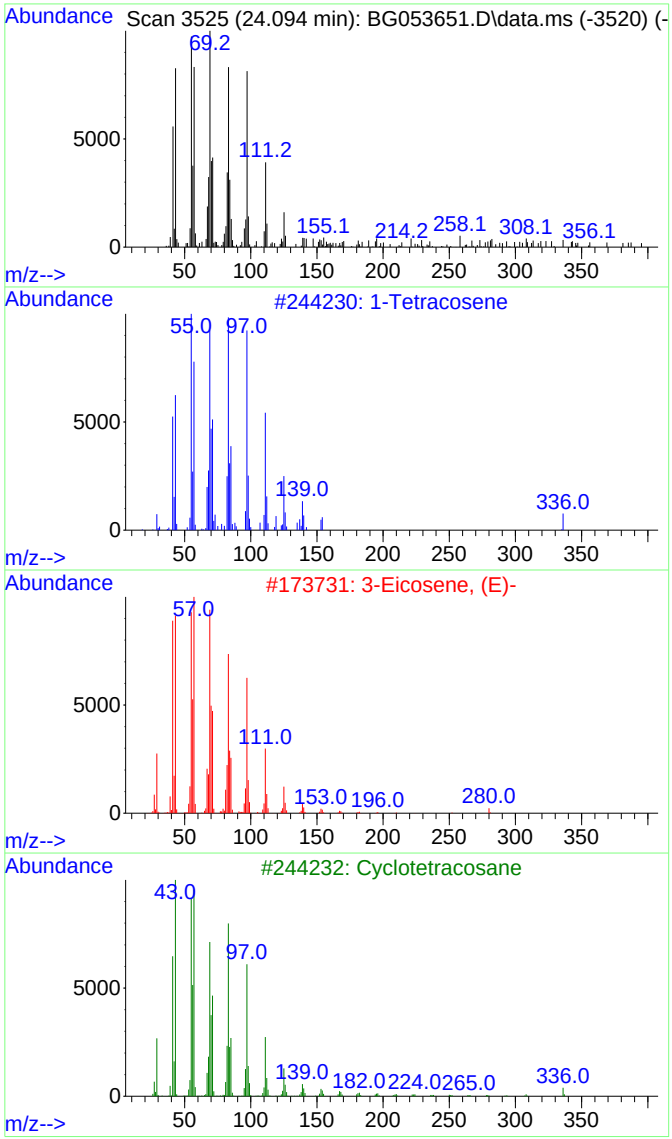
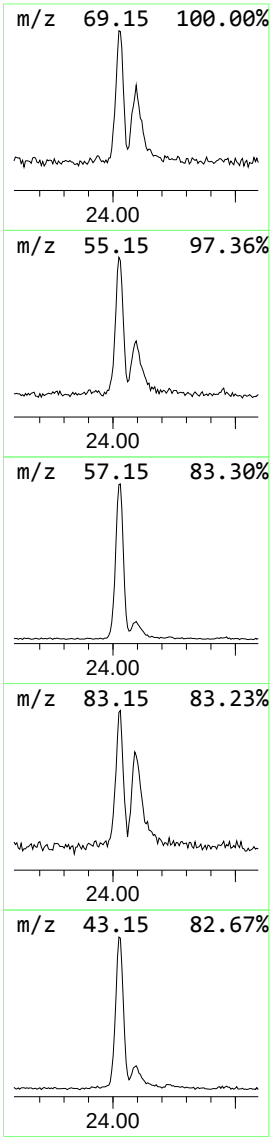
Peak Number 18 1-Tetracosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.094	12.32 ng	306802	Perylene-d12	24.999

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	95
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	Cyclotetracosane	336	C24H48	000297-03-0	89
4	1-Hexadecanol	242	C16H34O	036653-82-4	76
5	Behenic alcohol	326	C22H46O	000661-19-8	70





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Data File : BG053651.D
Acq On : 20 May 2022 19:44
Operator : CG/JU
Sample : N2911-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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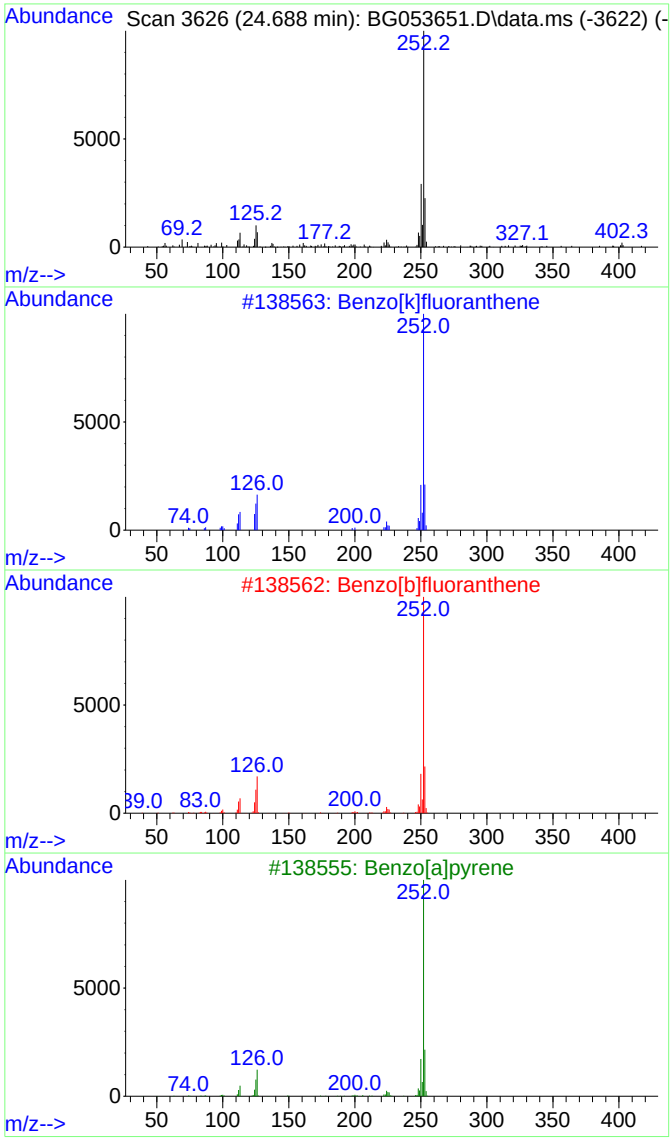
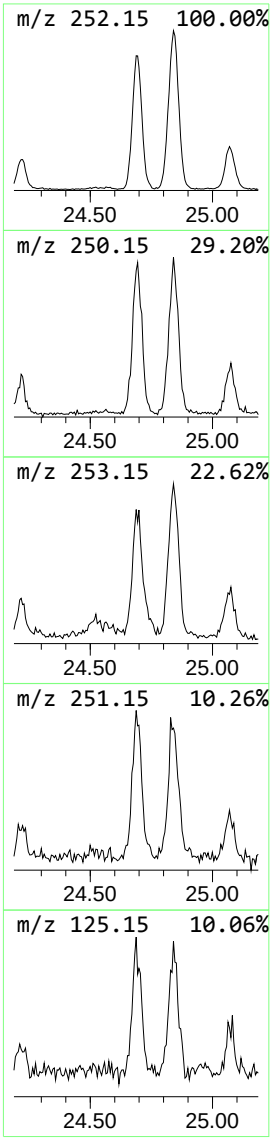
Peak Number 19 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.688	10.92 ng	271882	Perylene-d12	24.999

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[e]pyrene	252	C20H12	000192-97-2	91
5	Perylene	252	C20H12	000198-55-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053651.D
Acq On : 20 May 2022 19:44
Operator : CG/JU
Sample : N2911-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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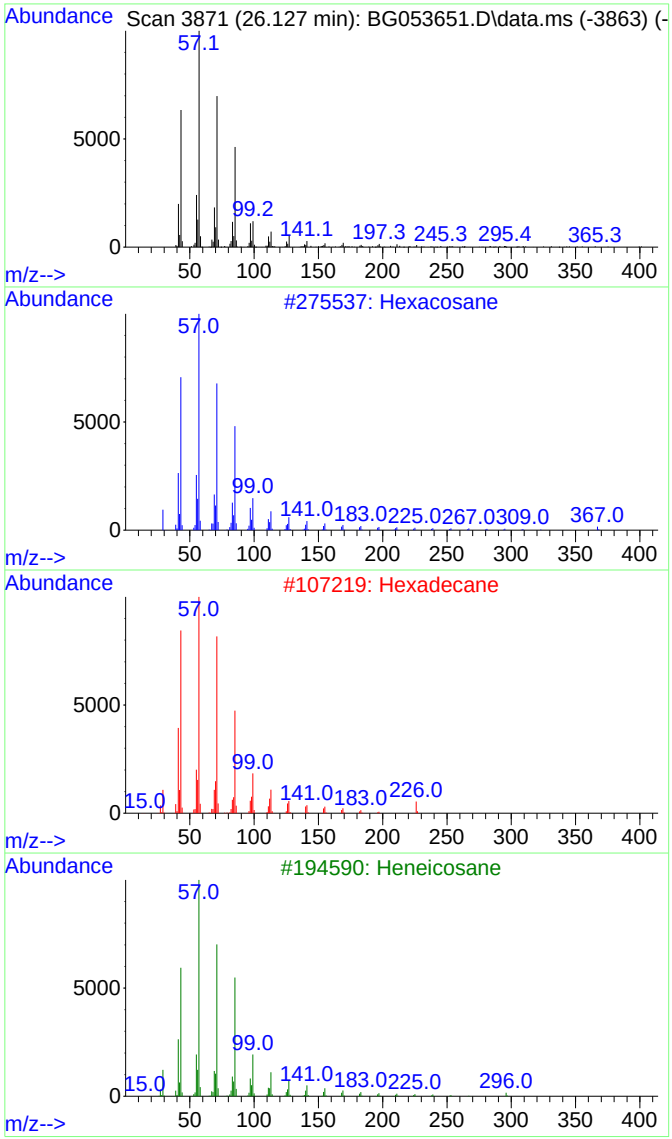
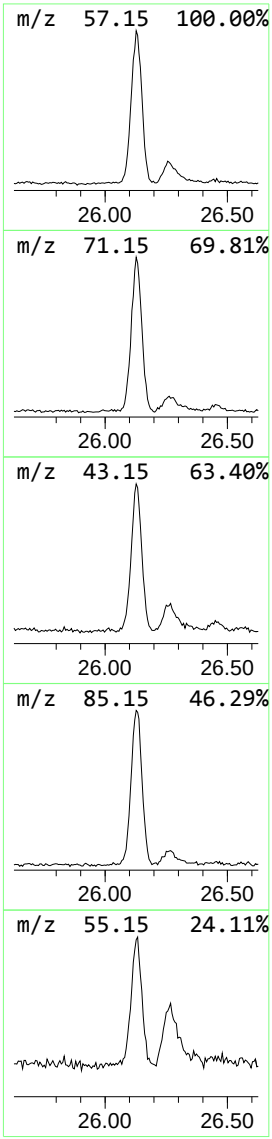
Peak Number 20 Hexacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.127	37.38 ng	930716	Perylene-d12	24.999

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Hexadecane	226	C16H34	000544-76-3	87
3	Heneicosane	296	C21H44	000629-94-7	86
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	83
5	Tetradecane	198	C14H30	000629-59-4	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053651.D
Acq On : 20 May 2022 19:44
Operator : CG/JU
Sample : N2911-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown5.155	5.155	3.5	ng	39065	1	8.069	221290	20.0
.alpha.-Pinene	6.747	20.6	ng	227811	1	8.069	221290	20.0
D-Limonene	8.286	13.7	ng	151630	1	8.069	221290	20.0
(2Z,4E)-3,7,11-...	15.682	3.2	ng	67158	3	14.695	423084	20.0
4-tert-Butylphe...	16.516	4.5	ng	107129	4	17.445	480956	20.0
4-(7-Methylocty...	16.575	5.3	ng	128094	4	17.445	480956	20.0
Phenol, p-tert-...	16.634	4.2	ng	101963	4	17.445	480956	20.0
Acetamide, N-(2...	16.834	5.6	ng	135527	4	17.445	480956	20.0
Phenol, 4-(1,1-...	16.898	4.4	ng	105892	4	17.445	480956	20.0
2H-Isoindole, 4...	17.791	4.0	ng	95777	4	17.445	480956	20.0
n-Hexadecanoic ...	18.326	13.9	ng	335043	4	17.445	480956	20.0
4H-Cyclopenta[d...	18.514	4.5	ng	109041	4	17.445	480956	20.0
9,10-Anthracene...	18.854	4.6	ng	110380	4	17.445	480956	20.0
Octadecane	20.341	5.0	ng	229470	5	21.721	909264	20.0
(1R,4aR,4bR,10a...	20.699	4.6	ng	210532	5	21.721	909264	20.0
Pentadecane	21.345	11.0	ng	499747	5	21.721	909264	20.0
Pentacosane	22.514	22.5	ng	1024290	5	21.721	909264	20.0
1-Tetracosene	24.094	12.3	ng	306802	6	24.999	497924	20.0
Benzo[e]pyrene	24.688	10.9	ng	271882	6	24.999	497924	20.0
Hexacosane	26.127	37.4	ng	930716	6	24.999	497924	20.0