LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054827.D
Acq On : 1 Sep 2022 18:20
Operator : CG/JU
Sample : N4439-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KTS2-TR-03-0-5

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-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054827.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.772	76	82	92	rVB2	29744	52481	2.07%	0.268%
2	4.266	157	166	175	rBV2	23271	38528	1.52%	0.196%
3	4.612	217	225	231	rVB2	18149	34418	1.36%	0.175%
4	5.206	316	326	338	rBV	59316	114521	4.52%	0.584%
5	5.688	401	408	415	rBV	773131	1249831	49.32%	6.372%
6	5.752	415	419	428	rVB	16757	40380	1.59%	0.206%
7	6.128	477	483	494	rBV3	33300	61251	2.42%	0.312%
8	6.610	558	565	572	rBV7	15914	35482	1.40%	0.181%
9	6.774	587	593	603	rVB5	11401	32835	1.30%	0.167%
10	7.297	673	682	689	rBV	771532	1361420	53.73%	6.941%
11	7.521	714	720	726	rBV3	14630	26492	1.05%	0.135%
12	7.744	753	758	762	rBV2	17621	28699	1.13%	0.146%
13	7.785	762	765	775	rVB	18299	30548	1.21%	0.156%
14	8.143	821	826	841	rVB	165765	310556	12.26%	1.583%
15	8.784	930	935	943	rBV5	15709	30458	1.20%	0.155%
16	9.254	1004	1015	1019	rBV6	14217	33314	1.31%	0.170%
17	9.319	1019	1026	1038	rVB	453936	887563	35.03%	4.525%
18	10.364	1198	1204	1211	rBV5	16833	38756	1.53%	0.198%
19	10.917	1292	1298	1301	rBV	28539	45343	1.79%	0.231%
20	10.975	1301	1308	1313	rVV	234309	453495	17.90%	2.312%
21	11.022	1313	1316	1323	rVV	75770	125827	4.97%	0.642%
22	11.099	1325	1329	1334	rVB	17555	29529	1.17%	0.151%
23	11.863	1455	1459	1467	rVB7	11945	27264	1.08%	0.139%
24	11.968	1467	1477	1481	rBV	31829	62128	2.45%	0.317%
25	12.356	1537	1543	1549	rBV	37878	59617	2.35%	0.304%
26	12.621	1582	1588	1595	rVB	93775	160466	6.33%	0.818%
27	12.838	1618	1625	1633	rVB	73480	128898	5.09%	0.657%
28	13.296	1698	1703	1707	rBV	25600	38554	1.52%	0.197%
29	13.402	1714	1721	1730	rVB	1246458	2011196	79.37%	10.254%
30	13.584	1745	1752	1755	rBV	53374	91007	3.59%	0.464%
31	13.813	1786	1791	1800	rVB	18621	48567	1.92%	0.248%
32	13.943	1807	1813	1814	rBV	43556	59993	2.37%	0.306%
33	14.101	1834	1840	1845	rBV	77816	141188	5.57%	0.720%
34	14.154	1845	1849	1853	rVV	61150	90244	3.56%	0.460%
35	14.225	1854	1861	1867	rVB2	73993	159091	6.28%	0.811%
36	14.336	1876	1880	1884	rBV	40277	62832	2.48%	0.320%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054827.D
Acq On : 1 Sep 2022 18:20
Operator : CG/JU
Sample : N4439-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-03-0-5

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-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.507	1904	1909	1916	rBV4	31417	56170	2.22%	0.286%
38	14.648	1929	1933	1937	rBV	49585	58092	2.29%	0.296%
39	14.747	1944	1950	1951	rBV	43093	63540	2.51%	0.324%
40	14.777	1951	1955	1961	rVV	360230	589023	23.25%	3.003%
41	14.847	1961	1967	1973	rVB3	65949	120296	4.75%	0.613%
42	14.988	1986	1991	1998	rVB2	29034	64840	2.56%	0.331%
43	15.171	2016	2022	2029	rVB2	90728	158078	6.24%	0.806%
44	15.247	2031	2035	2039	rBV2	27466	37856	1.49%	0.193%
45	15.388	2054	2059	2064	rBV2	40753	73541	2.90%	0.375%
46	15.441	2064	2068	2072	rVB	32949	53457	2.11%	0.273%
47	15.558	2082	2088	2091	rBV3	52777	99333	3.92%	0.506%
48	15.594	2091	2094	2099	rVB2	75437	106043	4.19%	0.541%
49	15.817	2126	2132	2144	rBV3	92701	211628	8.35%	1.079%
50	16.111	2179	2182	2189	rVB	46890	78287	3.09%	0.399%
51	16.263	2202	2208	2216	rVB	928842	1458632	57.57%	7.437%
52	16.463	2237	2242	2243	rBV2	137047	188348	7.43%	0.960%
53	17.180	2360	2364	2369	rVB3	44013	70655	2.79%	0.360%
54	17.250	2372	2376	2381	rBV	82731	118968	4.70%	0.607%
55	17.344	2389	2392	2398	rVB	41835	63774	2.52%	0.325%
56	17.527	2417	2423	2427	rBV	421432	681312	26.89%	3.474%
57	17.568	2427	2430	2437	rVB	351142	493755	19.49%	2.517%
58	17.662	2441	2446	2450	rBV	97080	149455	5.90%	0.762%
59	17.991	2499	2502	2508	rVB	74476	99704	3.93%	0.508%
60	18.402	2568	2572	2575	rBV	90480	134053	5.29%	0.683%
61	18.449	2576	2580	2586	rVB2	127059	201463	7.95%	1.027%
62	18.596	2599	2605	2608	rBV2	101487	202239	7.98%	1.031%
63	18.684	2617	2620	2627	rVB3	53704	71017	2.80%	0.362%
64	18.896	2652	2656	2659	rBV	67939	91767	3.62%	0.468%
65	19.307	2722	2726	2731	rBV	148252	219673	8.67%	1.120%
66	19.577	2767	2772	2777	rVB	490241	719851	28.41%	3.670%
67	19.936	2829	2833	2840	rVB	436329	665550	26.27%	3.393%
68	20.124	2860	2865	2871	rBV	1882381	2533876	100.00%	12.919%
69	20.799	2978	2980	2987	rVB2	181189	230154	9.08%	1.173%
70	21.428	3084	3087	3093	rVB	216138	290969	11.48%	1.483%
71	21.822	3147	3154	3159	rBV3	427440	955629	37.71%	4.872%

Sum of corrected areas: 19613800

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
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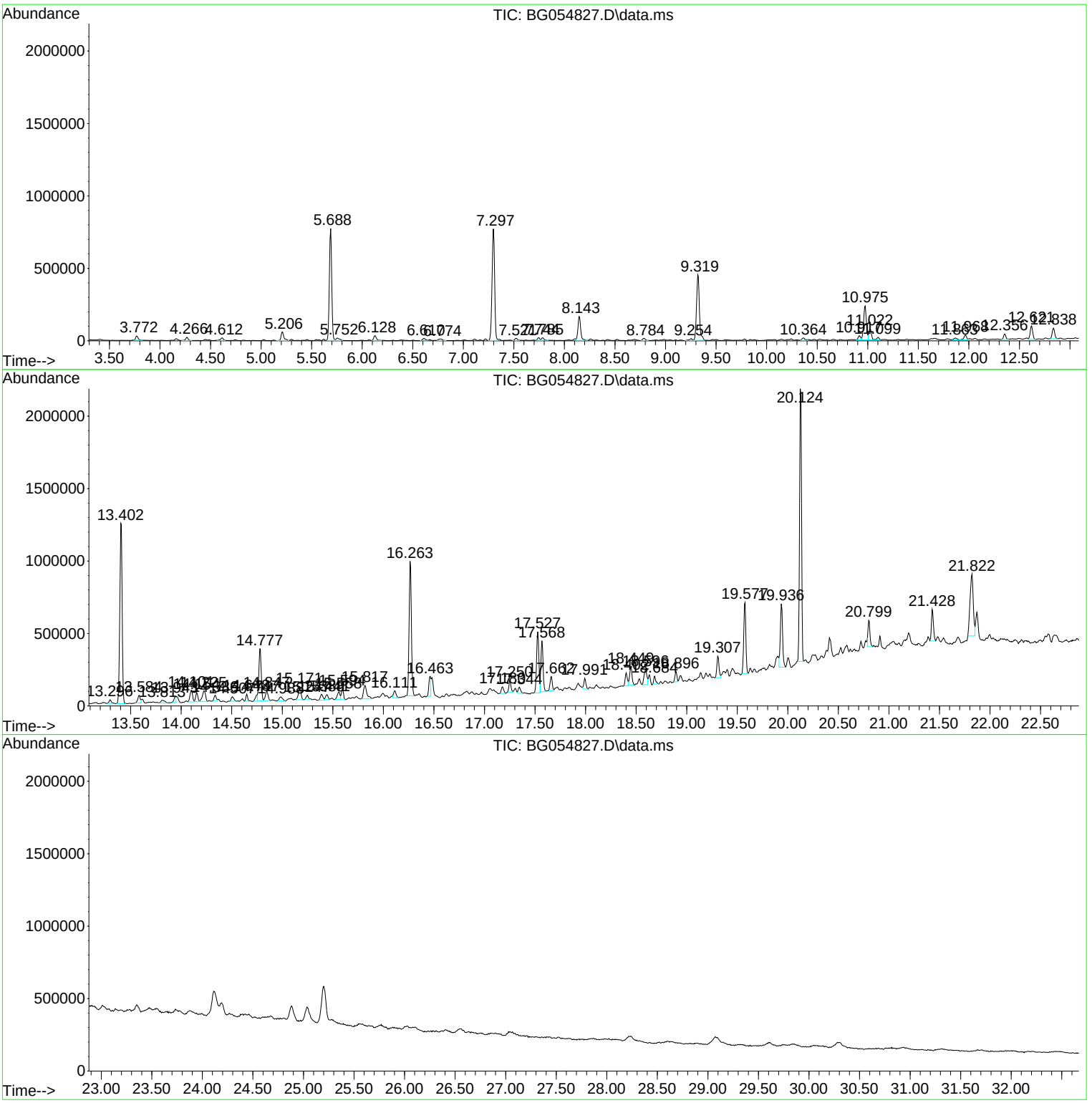
Acq On : 1 Sep 2022 18:20
Operator : CG/JU
Sample : N4439-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-03-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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\BG090122\
Data File : BG054827.D
Acq On : 1 Sep 2022 18:20
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Sample : N4439-01
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Instrument :
BNA_G
ClientSampleId :
KTS2-TR-03-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

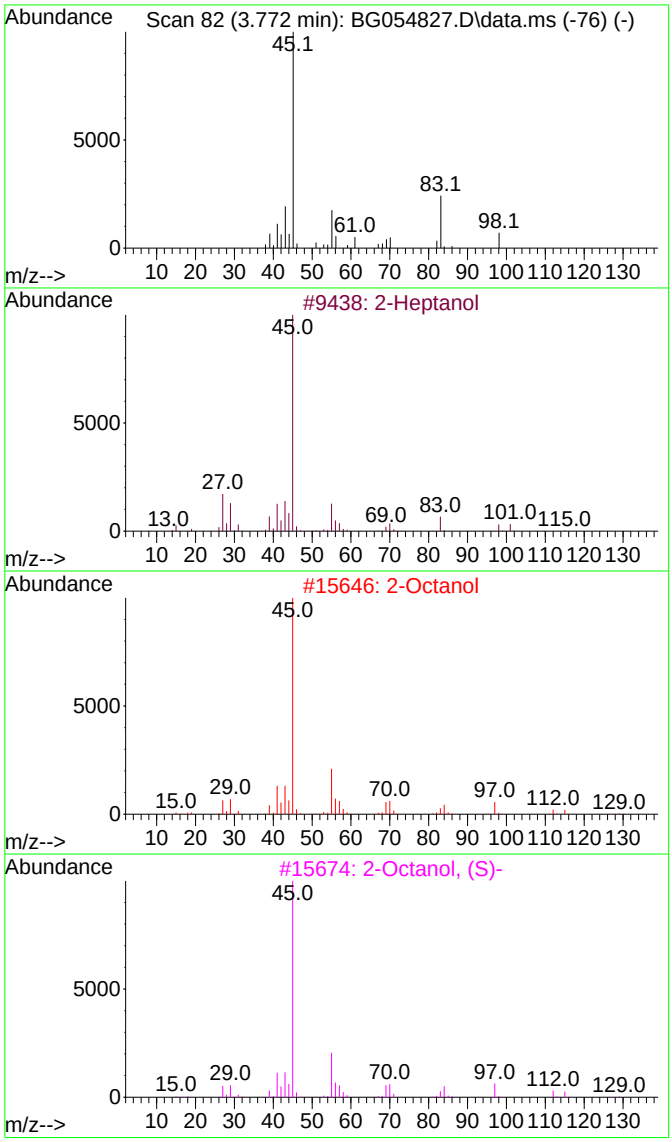
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

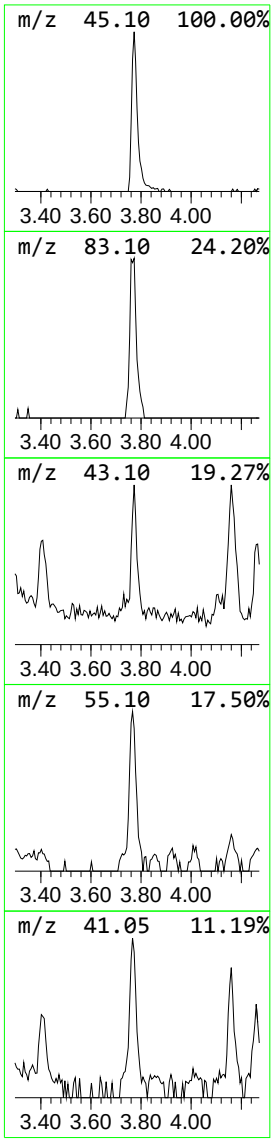
****

Peak Number 1 2-Heptanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.772	3.38 ng	52481	1,4-Dichlorobenzene-d4	8.149

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanol	116	C7H16O	000543-49-7	72
2	2-Octanol	130	C8H18O	000123-96-6	59
3	2-Octanol, (S)-	130	C8H18O	006169-06-8	59
4	2-Octanol, (R)-	130	C8H18O	005978-70-1	59
5	(+-)-5-Methyl-2-hexanol	116	C7H16O	111768-09-3	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054827.D
Acq On : 1 Sep 2022 18:20
Operator : CG/JU
Sample : N4439-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-03-0-5

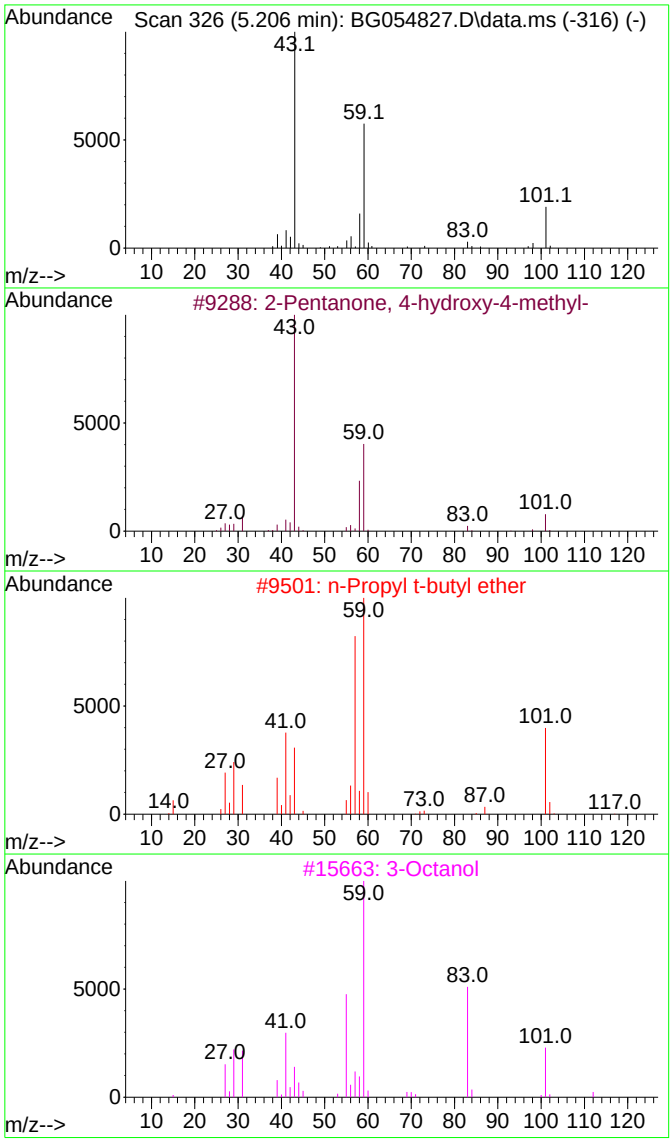
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

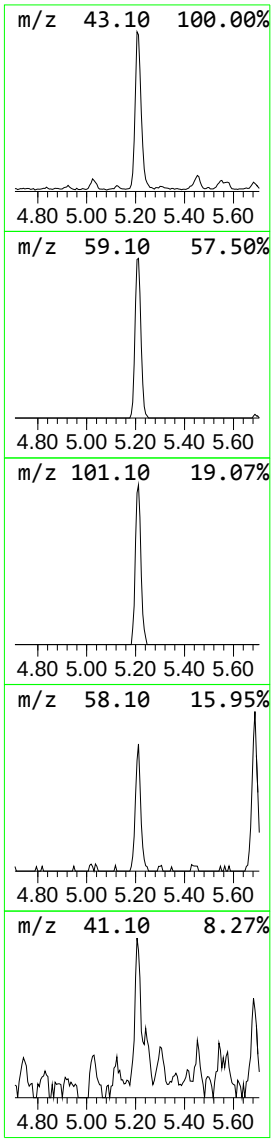
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.206	7.38 ng	114521	1,4-Dichlorobenzene-d4	8.149

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	36
3	3-Octanol	130	C8H18O	000589-98-0	33
4	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054827.D
Acq On : 1 Sep 2022 18:20
Operator : CG/JU
Sample : N4439-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-03-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

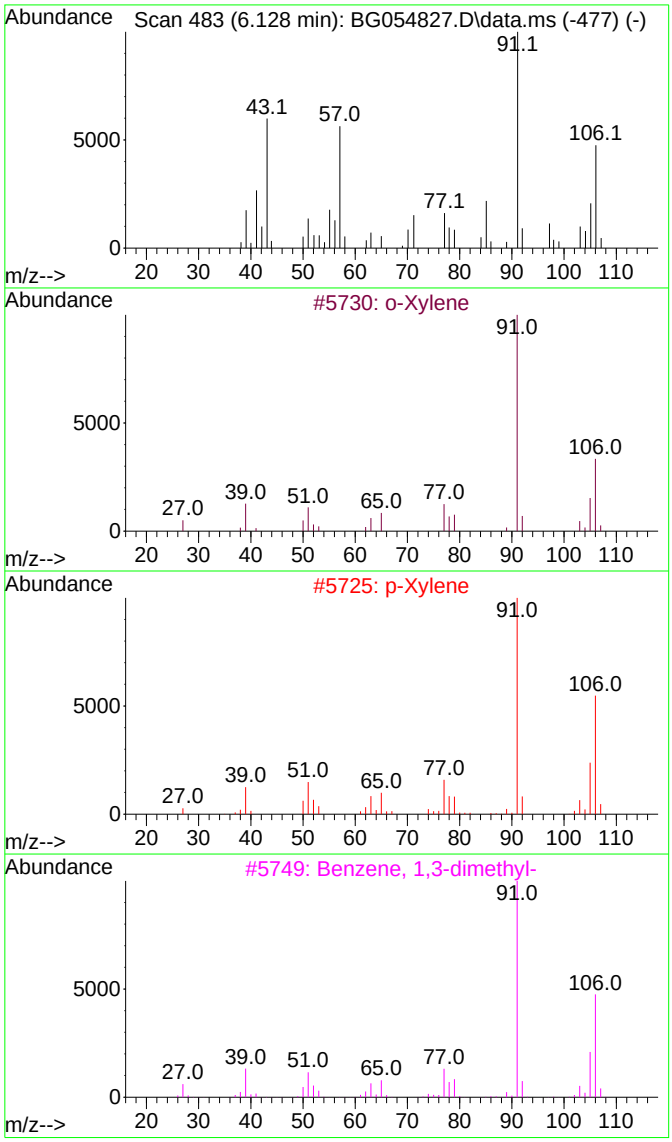
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

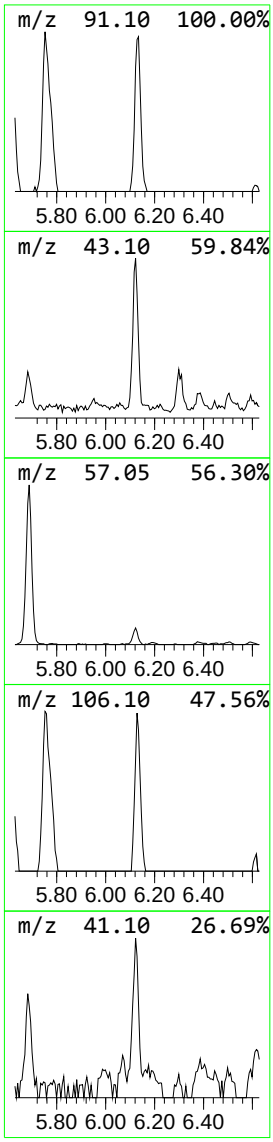
****

Peak Number 3 o-Xylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.128	3.94 ng	61251	1,4-Dichlorobenzene-d4	8.149

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	76
2	p-Xylene	106	C8H10	000106-42-3	76
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	76
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	58
5	Ethylbenzene	106	C8H10	000100-41-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054827.D
Acq On : 1 Sep 2022 18:20
Operator : CG/JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-03-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

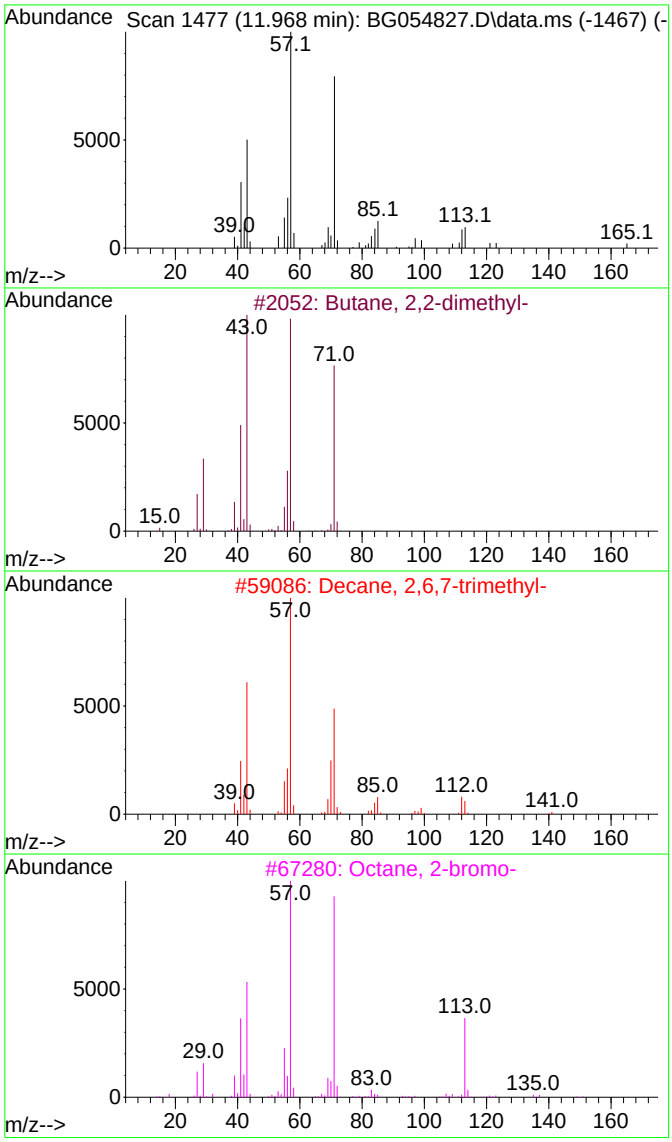
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

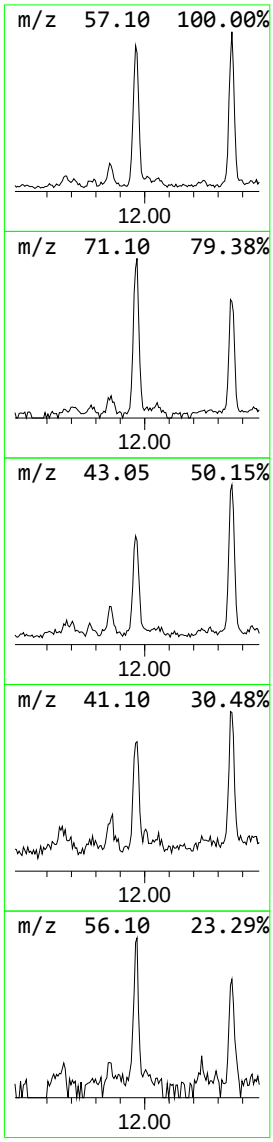
****

Peak Number 4 Butane, 2,2-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.968	2.74 ng	62128	Naphthalene-d8	10.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59
2	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	53
4	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	53
5	Oxalic acid, isobutyl neopentyl ...	216	C11H20O4	1000309-72-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054827.D
Acq On : 1 Sep 2022 18:20
Operator : CG/JU
Sample : N4439-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-03-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

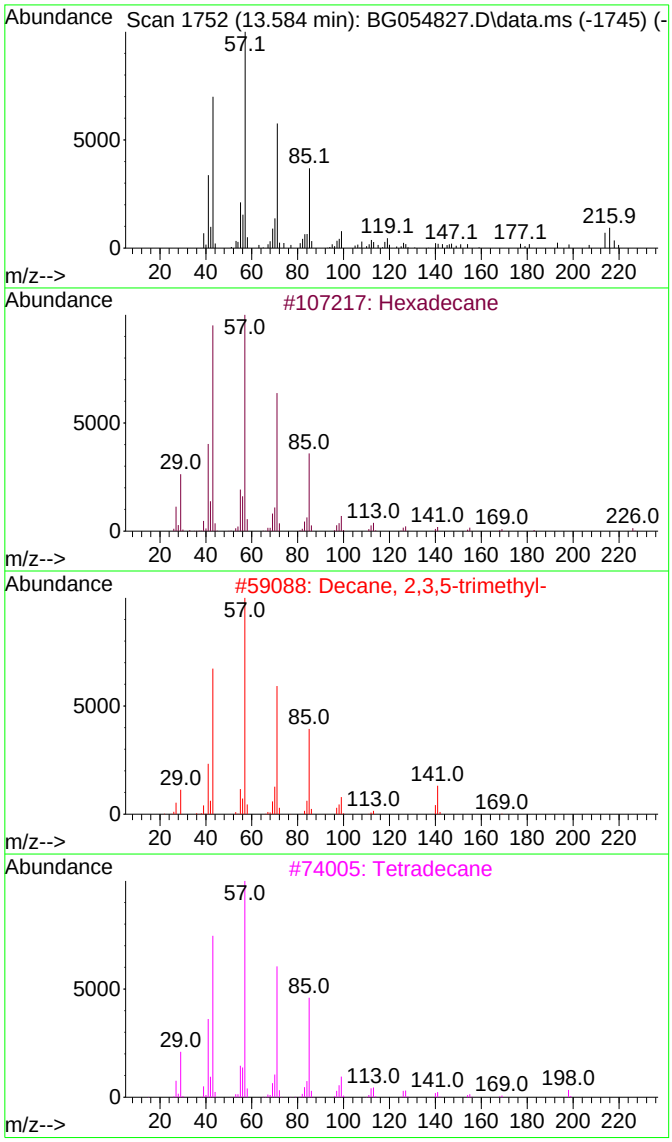
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

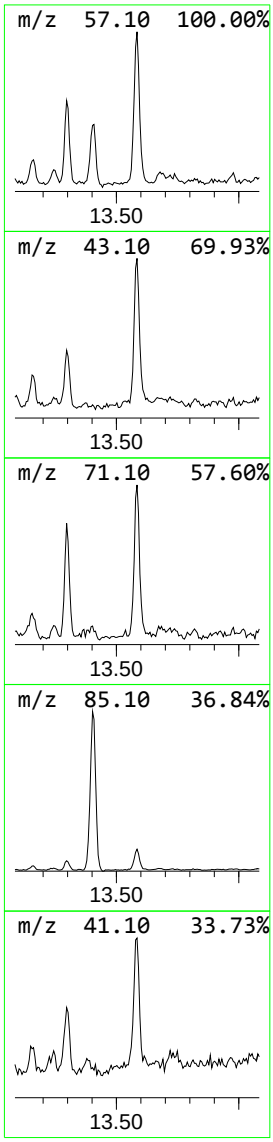
****

Peak Number 5 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.584	3.09 ng	91007	Acenaphthene-d10	14.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	62
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	58
3	Tetradecane	198	C14H30	000629-59-4	58
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	53
5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054827.D
Acq On : 1 Sep 2022 18:20
Operator : CG/JU
Sample : N4439-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-03-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

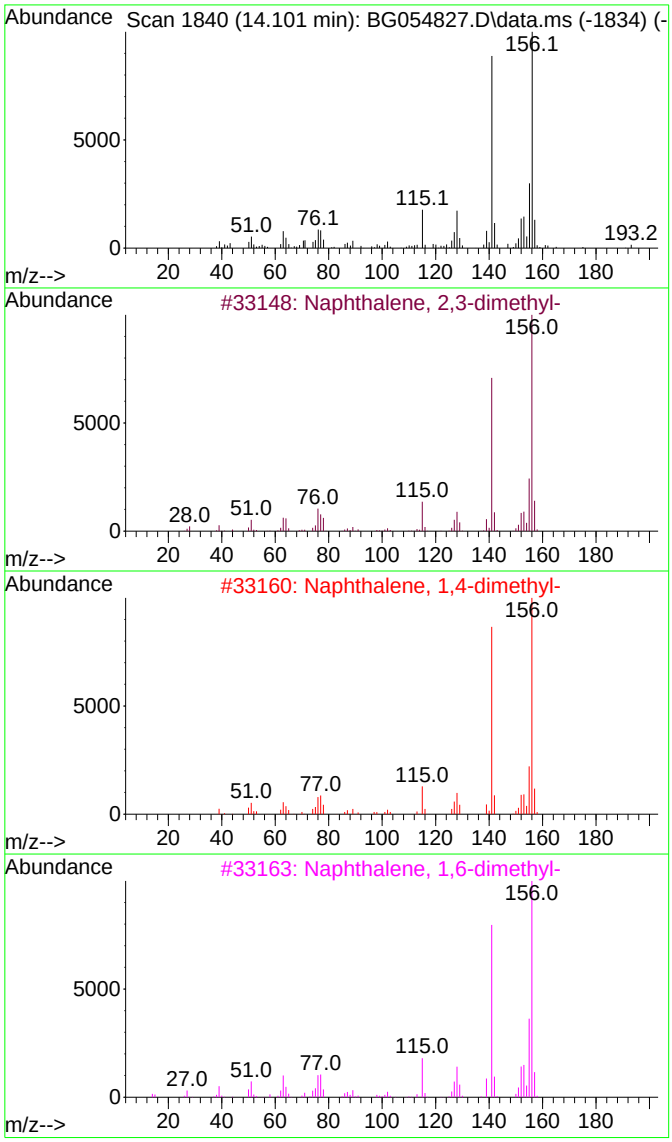
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

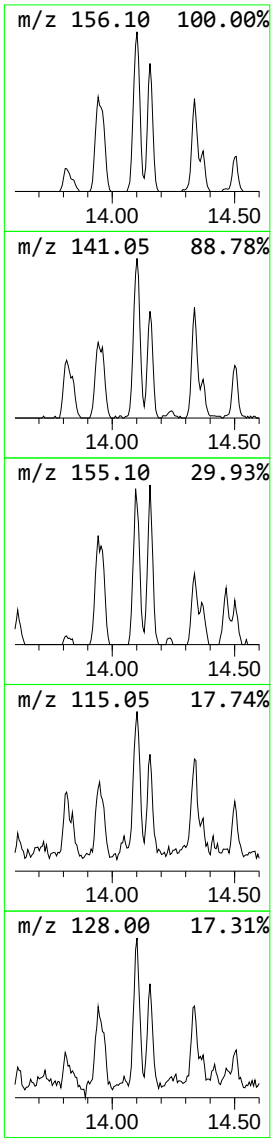
****

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.101	4.79 ng	141188	Acenaphthene-d10	14.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054827.D
Acq On : 1 Sep 2022 18:20
Operator : CG/JU
Sample : N4439-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-03-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

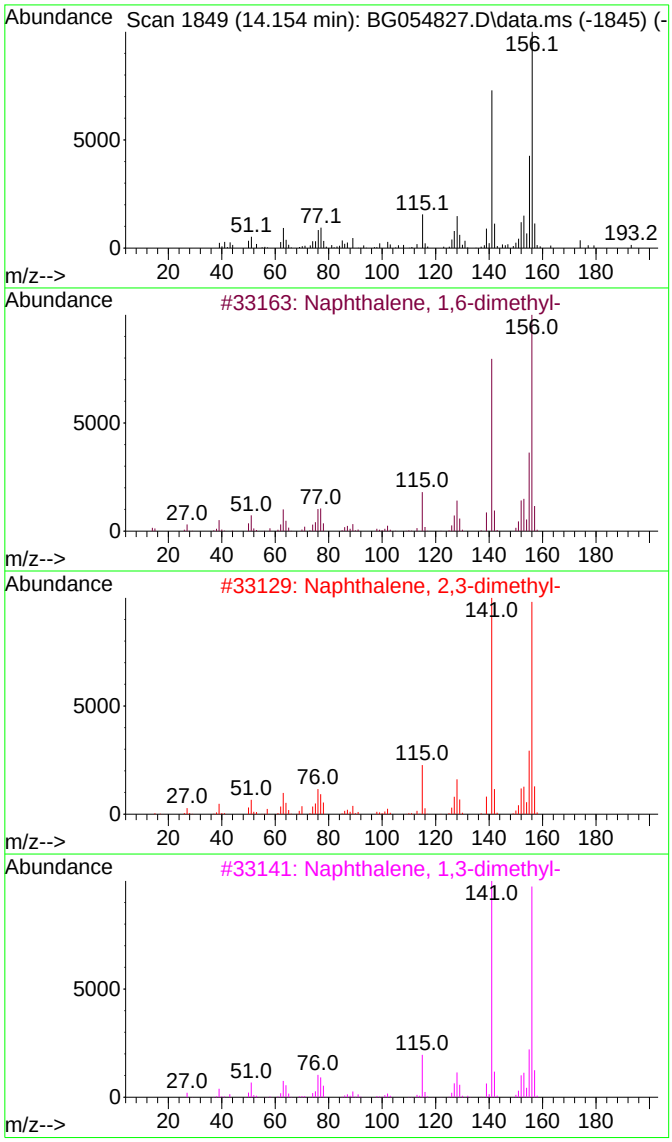
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

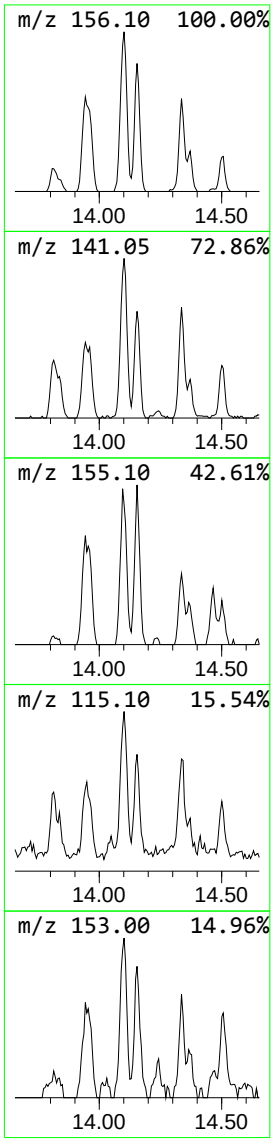
****

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.154	3.06 ng	90244	Acenaphthene-d10	14.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95





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Acq On : 1 Sep 2022 18:20
Operator : CG/JU
Sample : N4439-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-03-0-5

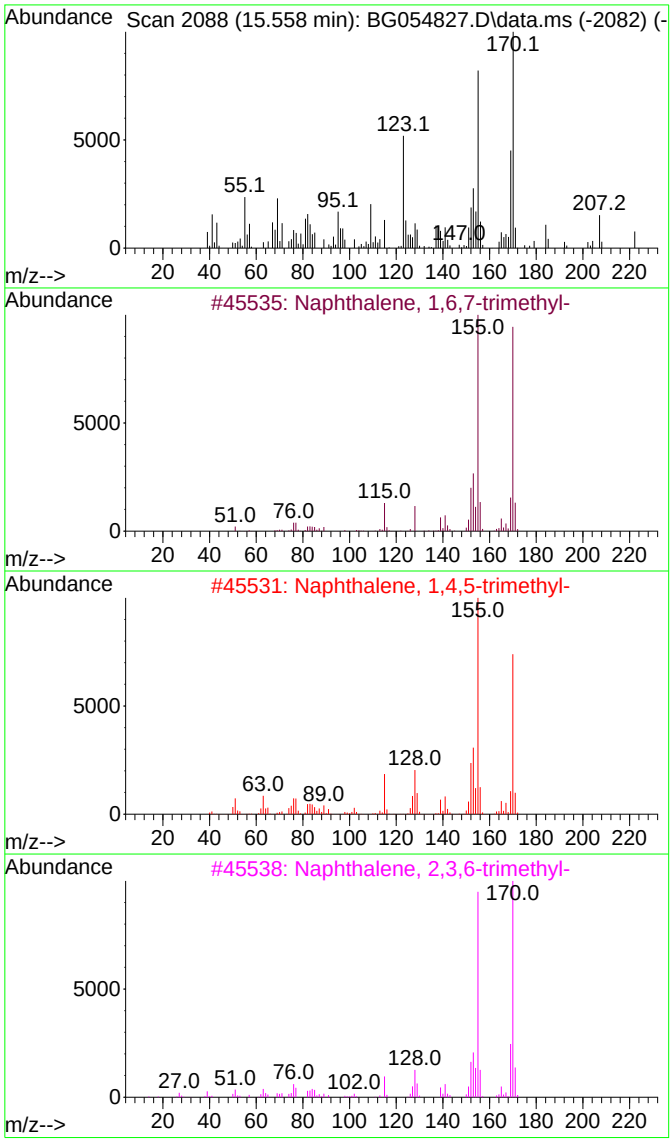
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

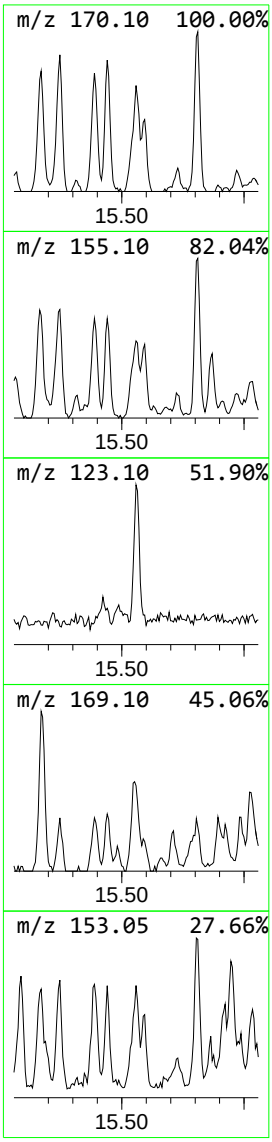
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,6,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.558	3.37 ng	99333	Acenaphthene-d10	14.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	92
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	78
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	78
4	1H,3H-Thieno[3,4-c]thiophene, 4,...	170	C8H10S2	015441-54-0	62
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	60





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Operator : CG/JU
Sample : N4439-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-03-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

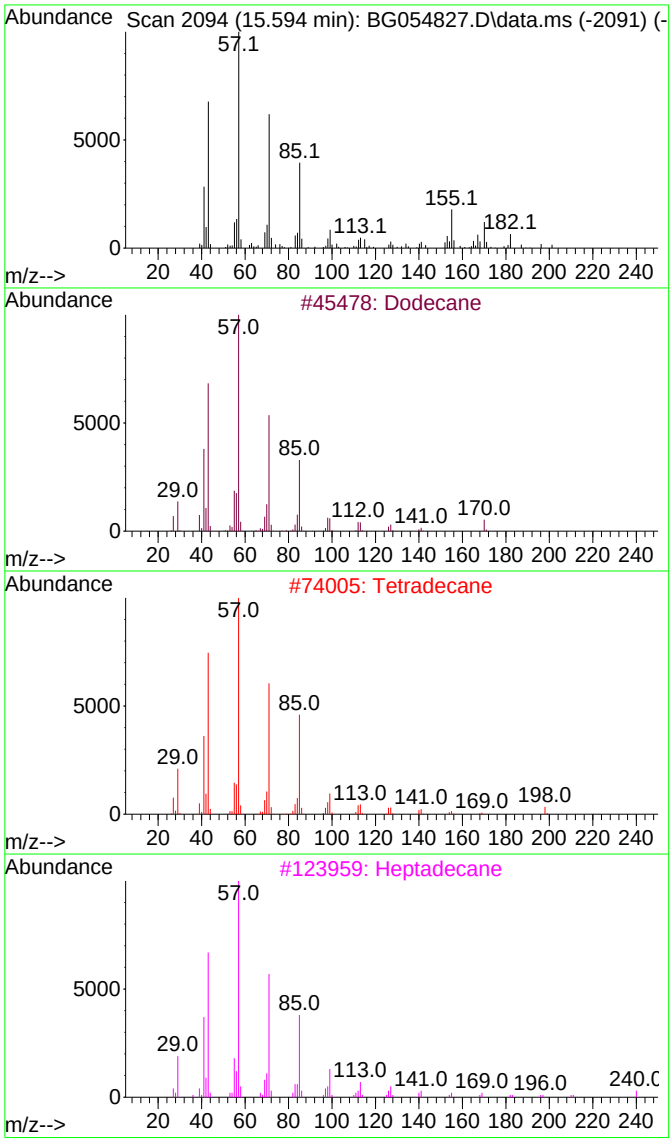
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

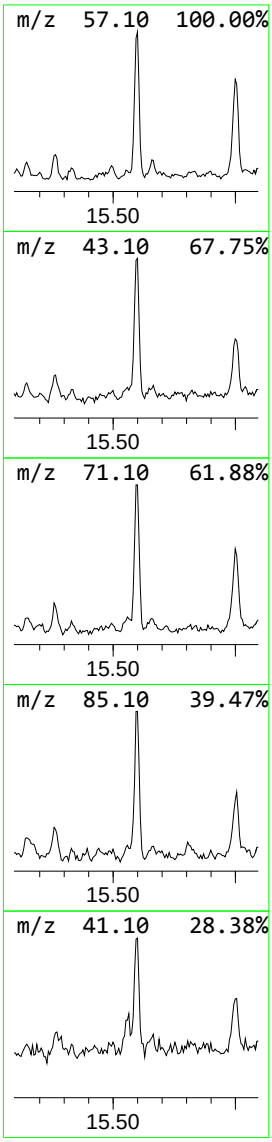
****

Peak Number 9 Dodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.594	3.60 ng	106043	Acenaphthene-d10	14.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	68
2	Tetradecane	198	C14H30	000629-59-4	62
3	Heptadecane	240	C17H36	000629-78-7	58
4	Nonadecane	268	C19H40	000629-92-5	58
5	Pentadecane	212	C15H32	000629-62-9	58





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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-03-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

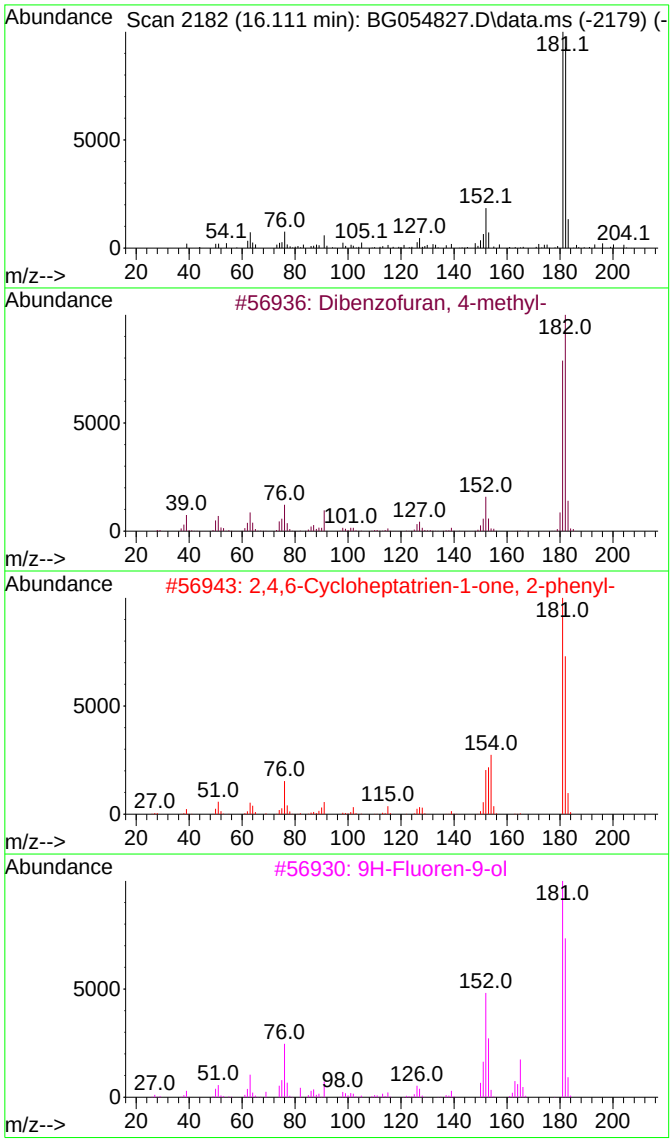
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

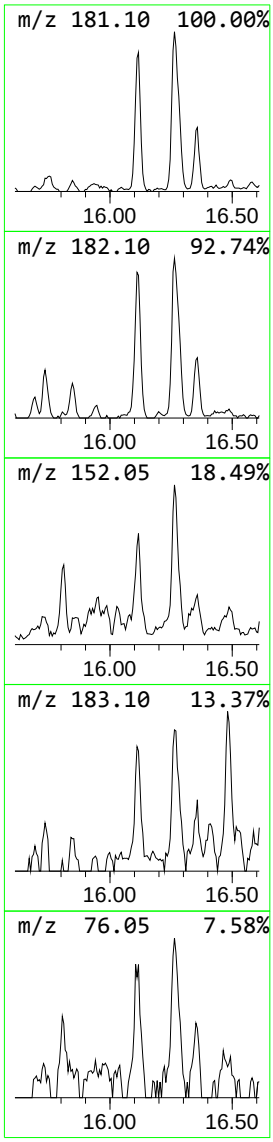
****

Peak Number 10 Dibenzofuran, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.111	2.66 ng	78287	Acenaphthene-d10	14.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	59





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Sample : N4439-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-03-0-5

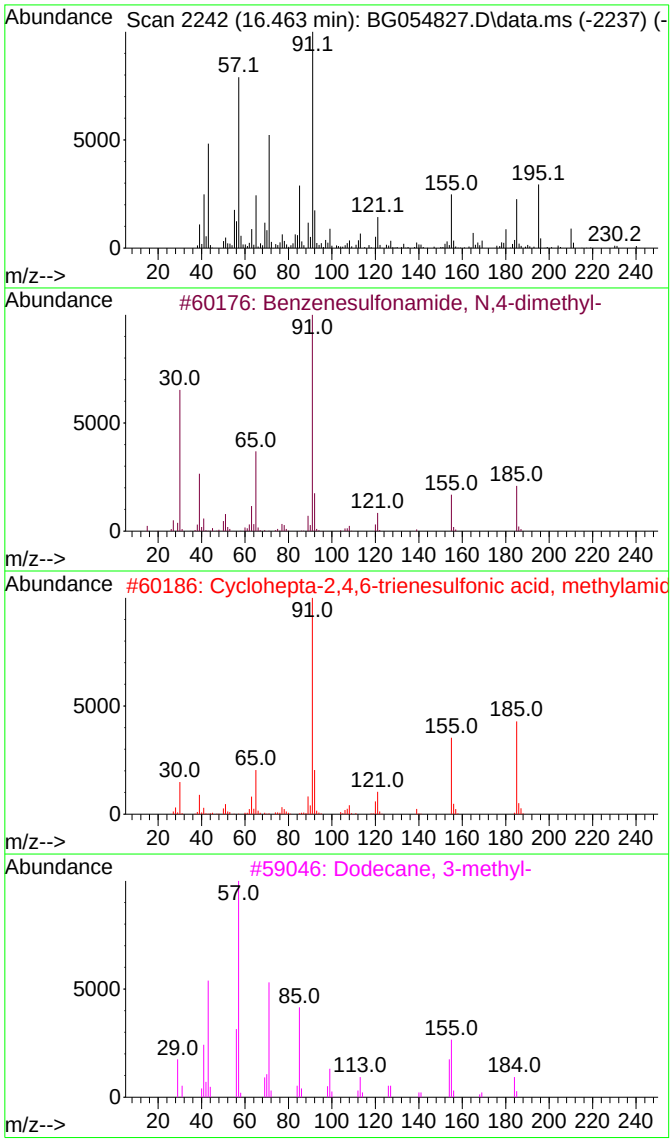
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

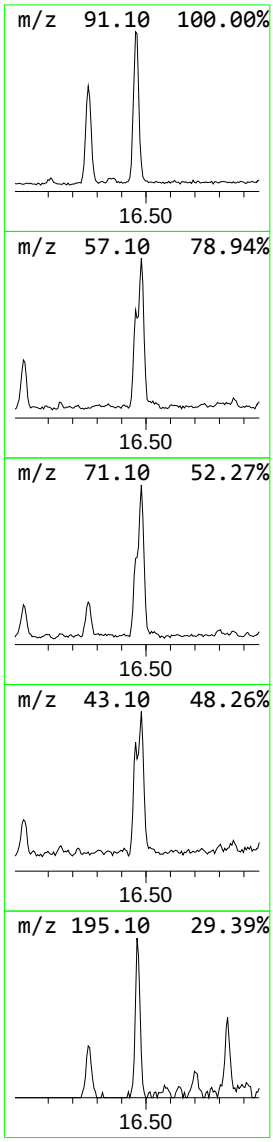
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzenesulfonamide, N,4-dim... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.463	5.53 ng	188348	Phenanthrene-d10	17.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	72
2	Cyclohepta-2,4,6-trienesulfonic ...	185	C8H11NO2S	1000187-28-7	47
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	45
4	Heptadecane	240	C17H36	000629-78-7	42
5	Tridecane	184	C13H28	000629-50-5	42





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Acq On : 1 Sep 2022 18:20
Operator : CG/JU
Sample : N4439-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-03-0-5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

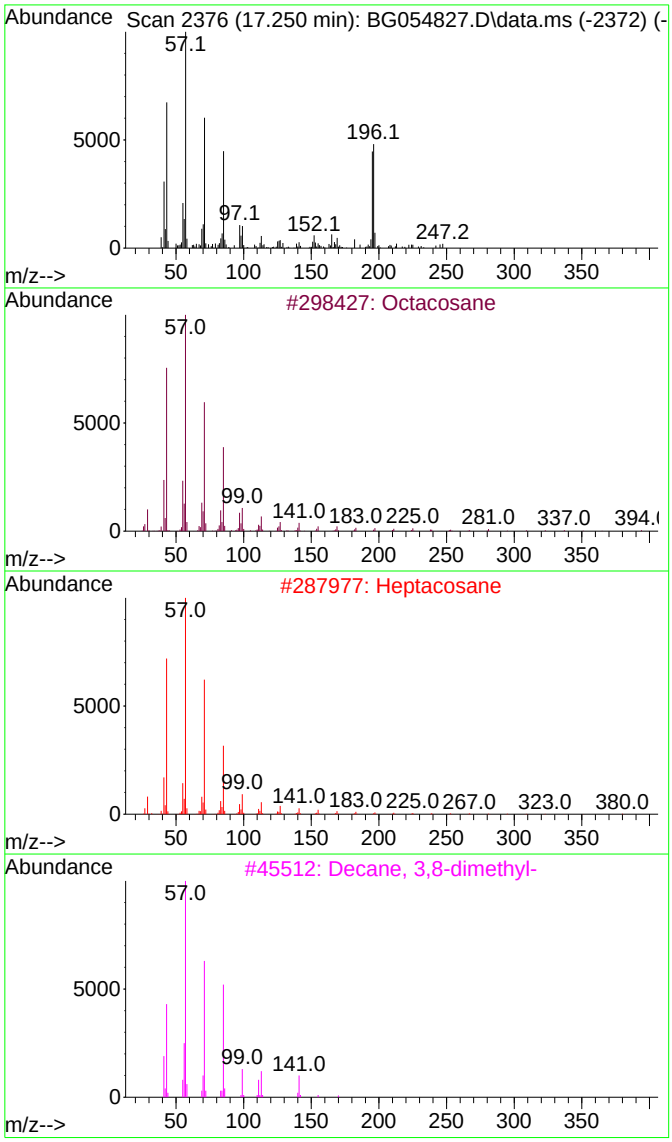
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

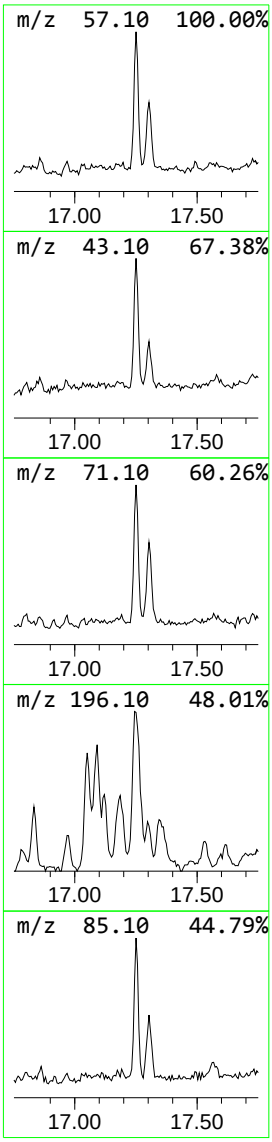
****

Peak Number 12 unknown17.250 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.250	3.49 ng	118968	Phenanthrene-d10	17.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	46
2	Heptacosane	380	C27H56	000593-49-7	46
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	45
4	Hexadecane	226	C16H34	000544-76-3	43
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	43





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Sample : N4439-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-03-0-5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

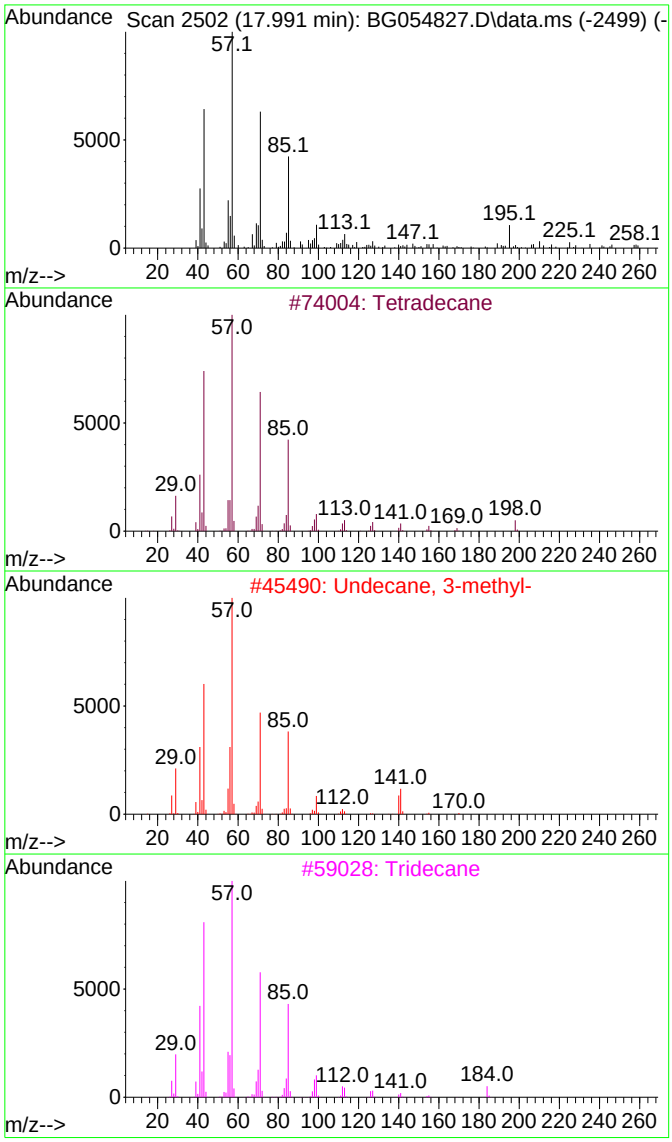
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

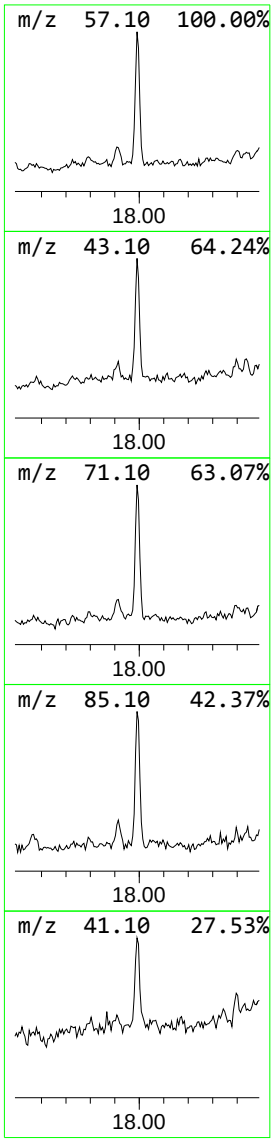
****

Peak Number 13 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.991	2.93 ng	99704	Phenanthrene-d10	17.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	74
3	Tridecane	184	C13H28	000629-50-5	72
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	64





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Operator : CG/JU
Sample : N4439-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-03-0-5

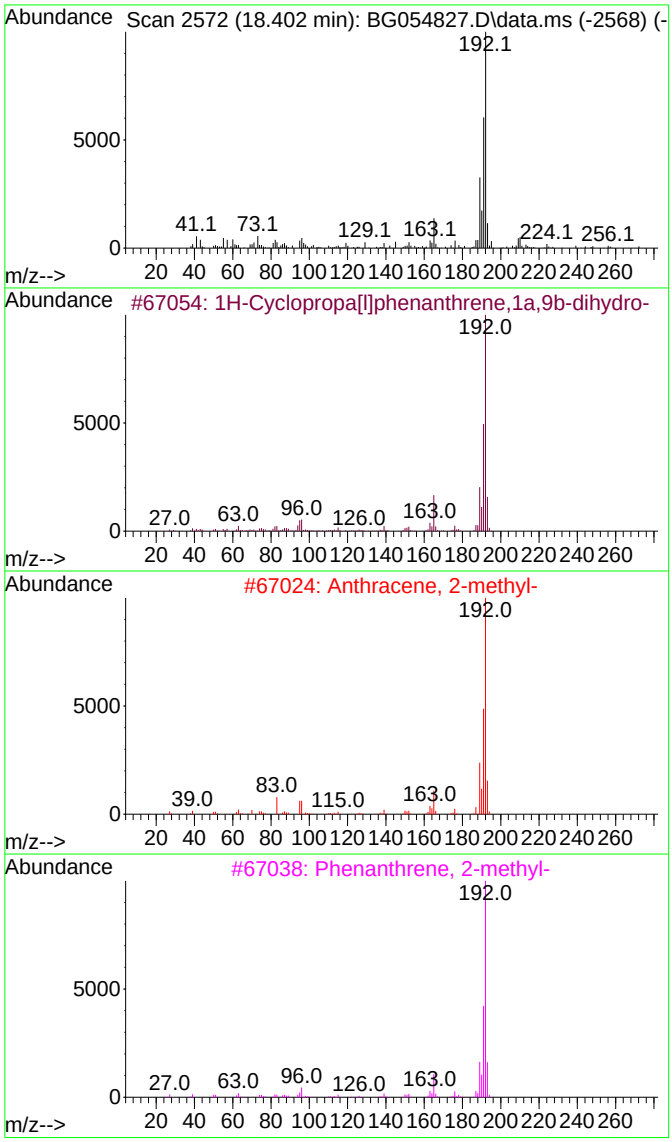
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

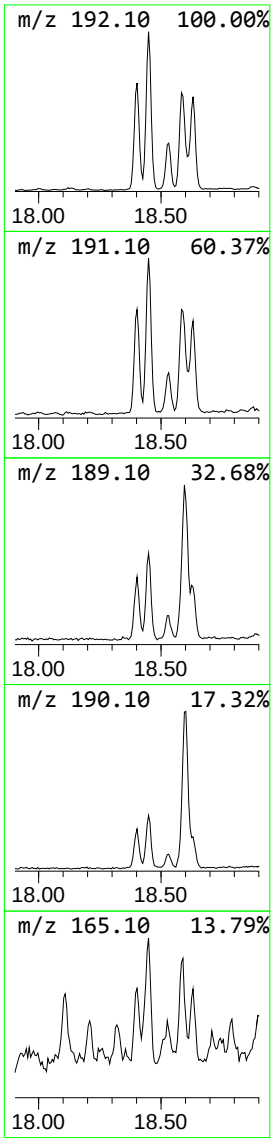
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.402	3.94 ng	134053	Phenanthrene-d10	17.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
KTS2-TR-03-0-5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

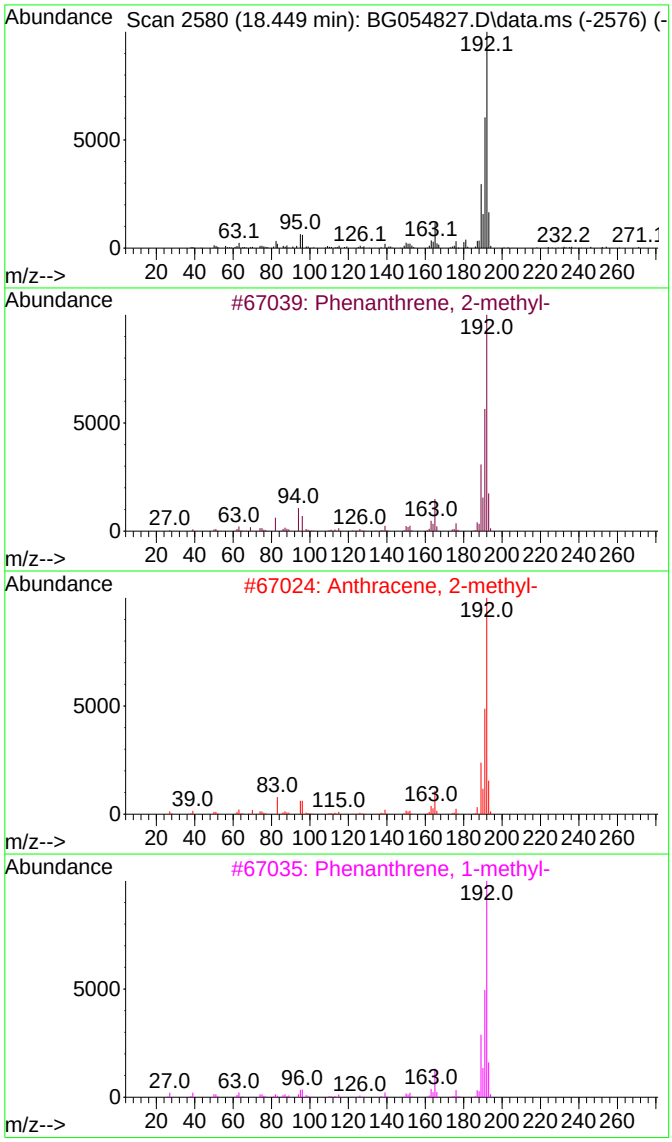
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

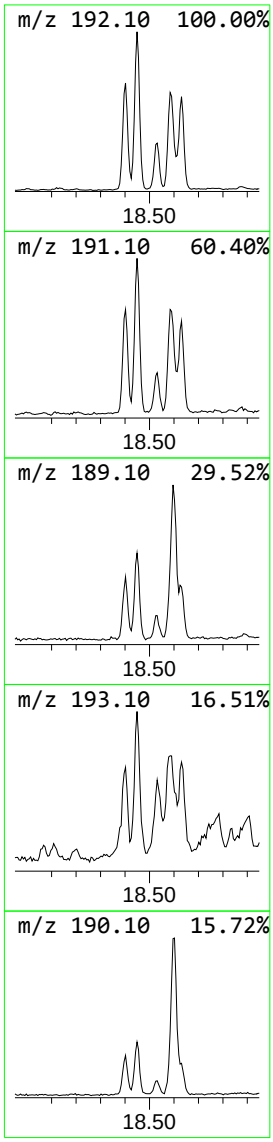
****

Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.449	5.91 ng	201463	Phenanthrene-d10	17.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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Sample : N4439-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
KTS2-TR-03-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

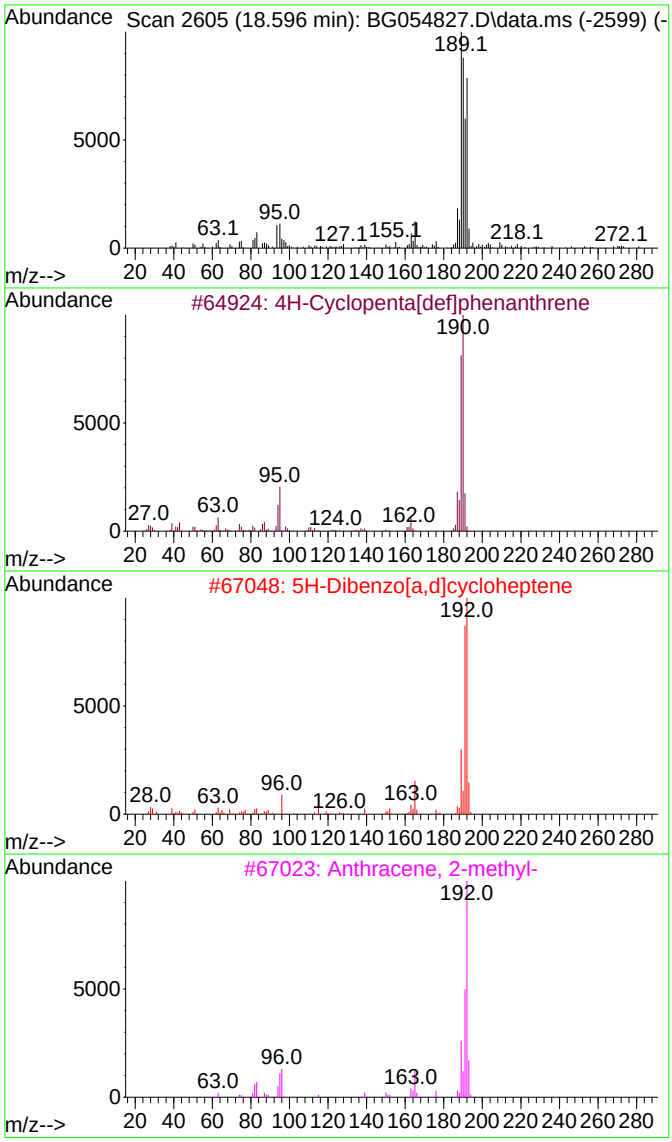
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

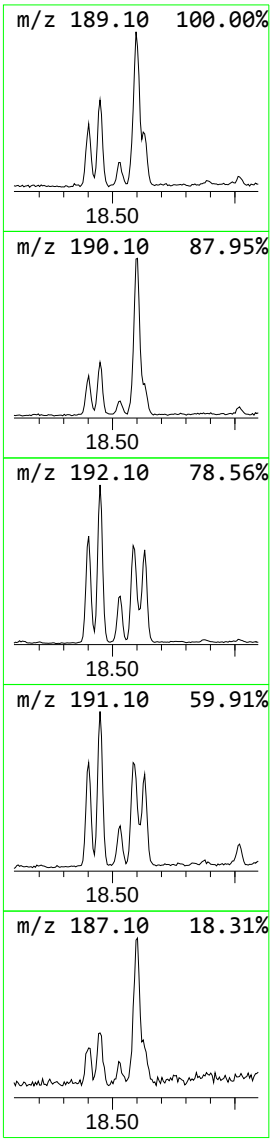
****

Peak Number 16 unknown18.596 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.596	5.94 ng	202239	Phenanthrene-d10	17.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38
4	2,6-Dichloro-5-fluoronicotinonit...	190	C6HCl2FN2	082671-02-1	38
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38





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ALS Vial : 12 Sample Multiplier: 1

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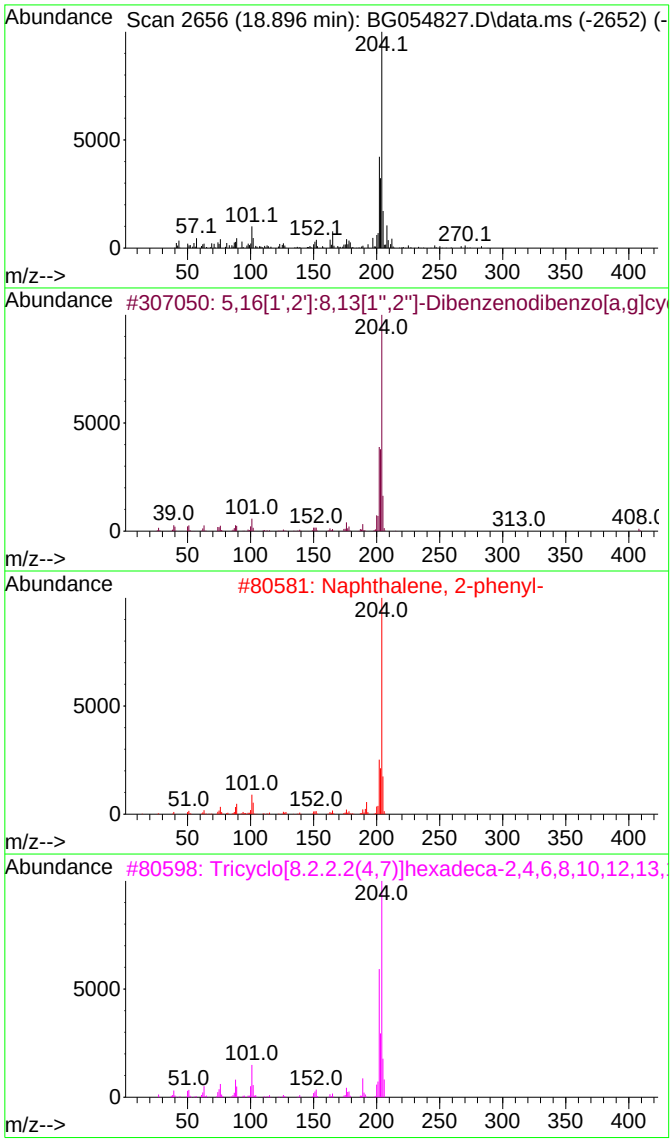
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

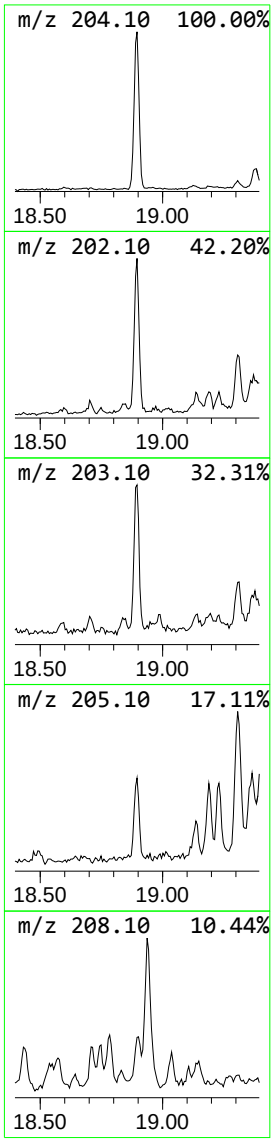
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.896	2.69 ng	91767	Phenanthrene-d10	17.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	55
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	49





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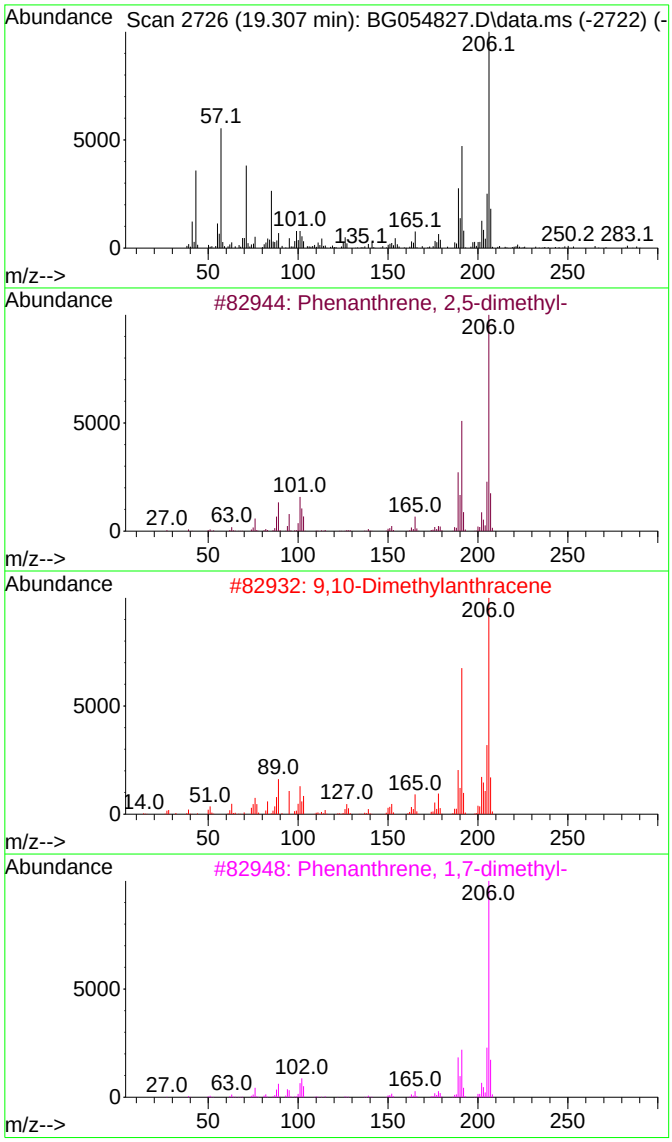
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

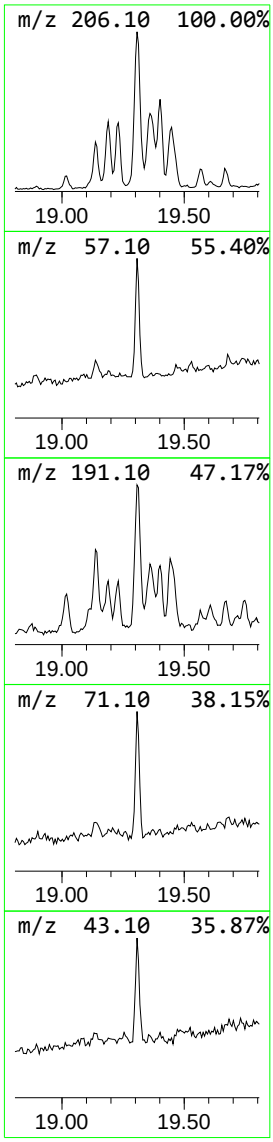
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.307	6.45 ng	219673	Phenanthrene-d10	17.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	78
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	64
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64





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Data File : BG054827.D
Acq On : 1 Sep 2022 18:20
Operator : CG/JU
Sample : N4439-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-03-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

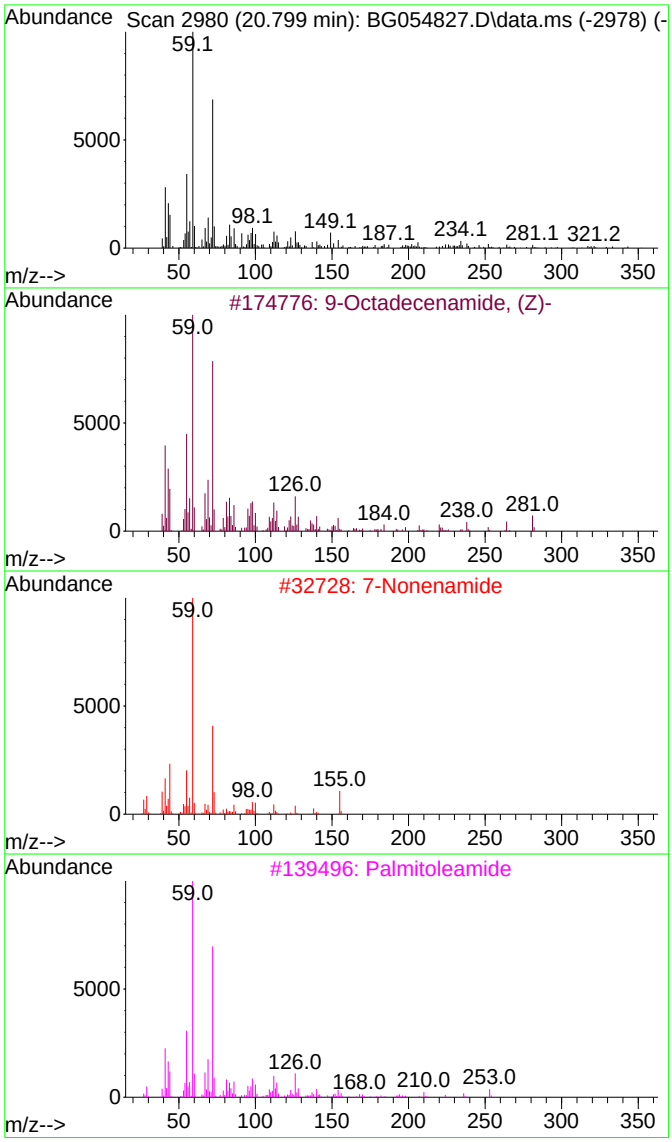
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

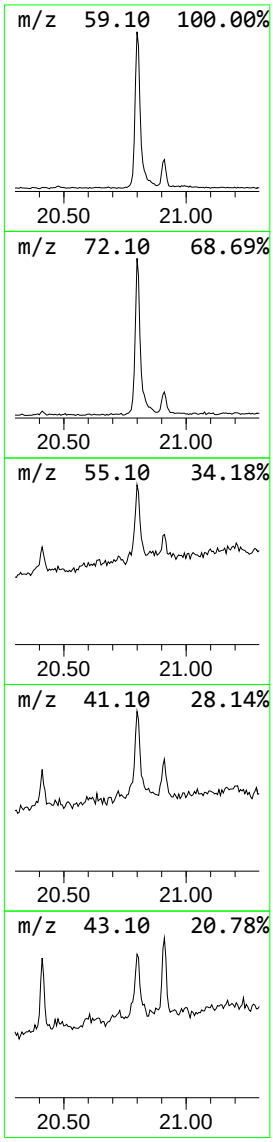
****

Peak Number 19 9-Octadecenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.799	4.82 ng	230154	Chrysene-d12	21.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	97
2	7-Nonenamide	155	C9H17NO	090949-53-4	78
3	Palmitoleamide	253	C16H31NO	106010-22-4	72
4	Dodecanamide	199	C12H25NO	001120-16-7	64
5	Nonanamide	157	C9H19NO	001120-07-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054827.D
Acq On : 1 Sep 2022 18:20
Operator : CG/JU
Sample : N4439-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-03-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

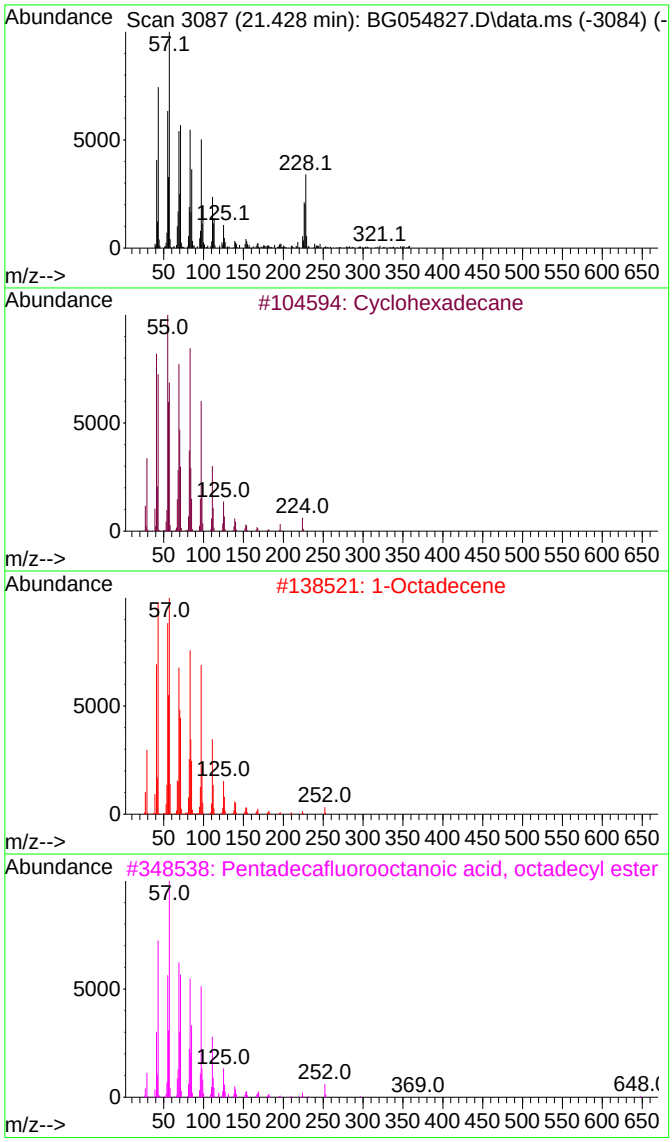
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

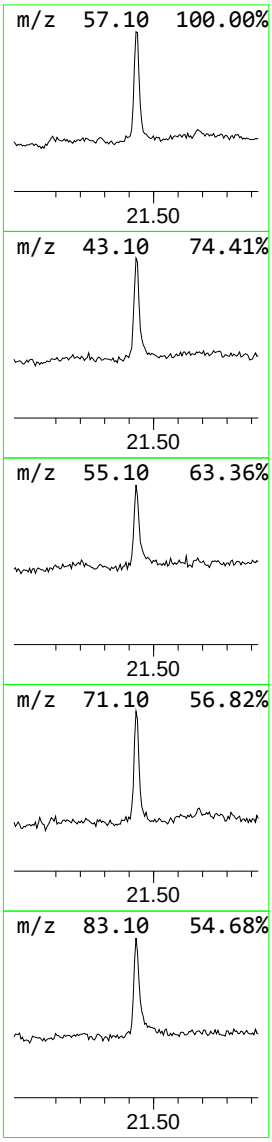
****

Peak Number 20 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.428	6.09 ng	290969	Chrysene-d12	21.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	1-Octadecene	252	C18H36	000112-88-9	70
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	70
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	70
5	Cetene	224	C16H32	000629-73-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054827.D
Acq On : 1 Sep 2022 18:20
Operator : CG/JU
Sample : N4439-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-03-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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
2-Heptanol	3.772	3.4	ng	52481	1	8.149	310556	20.0
2-Pentanone, 4-...	5.206	7.4	ng	114521	1	8.149	310556	20.0
o-Xylene	6.128	3.9	ng	61251	1	8.149	310556	20.0
Butane, 2,2-dim...	11.968	2.7	ng	62128	2	10.975	453495	20.0
Hexadecane	13.584	3.1	ng	91007	3	14.783	589023	20.0
Naphthalene, 2,...	14.101	4.8	ng	141188	3	14.783	589023	20.0
Naphthalene, 1,...	14.154	3.1	ng	90244	3	14.783	589023	20.0
Naphthalene, 1,...	15.558	3.4	ng	99333	3	14.783	589023	20.0
Dodecane	15.594	3.6	ng	106043	3	14.783	589023	20.0
Dibenzofuran, 4...	16.111	2.7	ng	78287	3	14.783	589023	20.0
Benzenesulfonam...	16.463	5.5	ng	188348	4	17.527	681312	20.0
unknown17.250	17.250	3.5	ng	118968	4	17.527	681312	20.0
Tetradecane	17.991	2.9	ng	99704	4	17.527	681312	20.0
1H-Cyclopropa[1...	18.402	3.9	ng	134053	4	17.527	681312	20.0
Phenanthrene, 2...	18.449	5.9	ng	201463	4	17.527	681312	20.0
unknown18.596	18.596	5.9	ng	202239	4	17.527	681312	20.0
5,16[1',2']:8,1...	18.896	2.7	ng	91767	4	17.527	681312	20.0
Phenanthrene, 2...	19.307	6.5	ng	219673	4	17.527	681312	20.0
9-Octadecenamid...	20.799	4.8	ng	230154	5	21.822	955629	20.0
Cyclohexadecane	21.428	6.1	ng	290969	5	21.822	955629	20.0