LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
Data File : BG054957.D
Acq On : 15 Sep 2022 15:32
Operator : CG/JU
Sample : N4640-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 72-11930

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: BG054957.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.745	73	78	89	rBV	88266	133765	6.46%	1.112%
2	5.185	316	323	329	rBV	45067	70920	3.42%	0.590%
3	5.667	399	405	417	rVB	425076	688925	33.27%	5.727%
4	7.282	673	680	694	rBV	413583	749818	36.21%	6.233%
5	8.128	817	824	830	rBV	115541	198223	9.57%	1.648%
6	9.304	1016	1024	1038	rBV	266120	475898	22.98%	3.956%
7	10.955	1298	1305	1313	rBV	167895	304782	14.72%	2.534%
8	13.387	1712	1719	1729	rBV	814200	1270073	61.33%	10.558%
9	14.768	1946	1954	1961	rBV	300801	474118	22.89%	3.941%
10	16.254	2201	2207	2232	rBV	540403	912308	44.05%	7.584%
11	17.517	2415	2422	2427	rBV	369128	590768	28.53%	4.911%
12	17.559	2427	2429	2434	rVB	35477	41862	2.02%	0.348%
13	18.399	2565	2572	2576	rBV3	18937	36179	1.75%	0.301%
14	18.440	2576	2579	2588	rVB3	13859	22023	1.06%	0.183%
15	18.593	2598	2605	2608	rBV4	16781	36649	1.77%	0.305%
16	18.963	2665	2668	2672	rVB4	19008	23733	1.15%	0.197%
17	19.227	2708	2713	2722	rBV	1566266	2070916	100.00%	17.215%
18	19.533	2760	2765	2767	rBV	38620	50593	2.44%	0.421%
19	19.568	2767	2771	2776	rVB	67971	103985	5.02%	0.864%
20	19.803	2808	2811	2816	rVB3	26374	34868	1.68%	0.290%
21	19.926	2828	2832	2839	rVB	85233	136520	6.59%	1.135%
22	19.991	2841	2843	2850	rVV9	11175	22048	1.06%	0.183%
23	20.114	2858	2864	2870	rBV	1394693	1800834	86.96%	14.970%
24	20.220	2879	2882	2886	rBV3	25169	31455	1.52%	0.261%
25	20.396	2908	2912	2920	rBV5	57840	104428	5.04%	0.868%
26	20.890	2993	2996	3000	rVB	40901	43306	2.09%	0.360%
27	21.407	3080	3084	3092	rVB2	82238	134380	6.49%	1.117%
28	21.660	3123	3127	3133	rVB	82065	107065	5.17%	0.890%
29	21.807	3146	3152	3158	rBV	344226	635071	30.67%	5.279%
30	21.965	3176	3179	3185	rVB	45702	62456	3.02%	0.519%
31	25.185	3717	3727	3736	rVB2	218768	661499	31.94%	5.499%

Sum of corrected areas: 12029468

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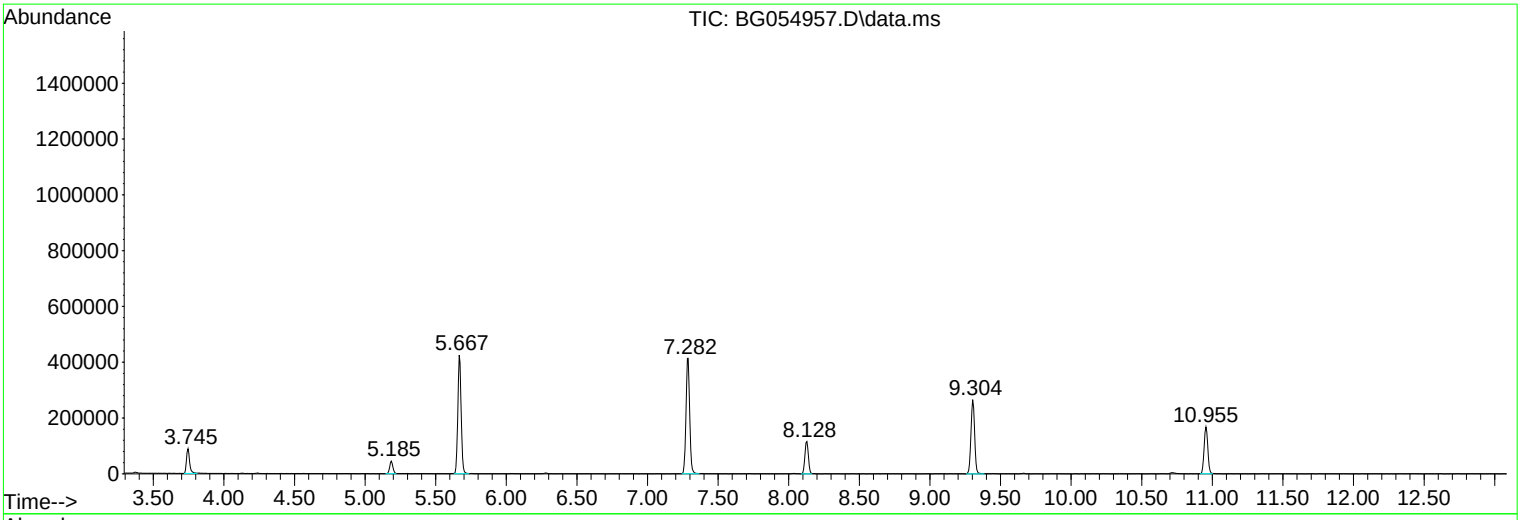
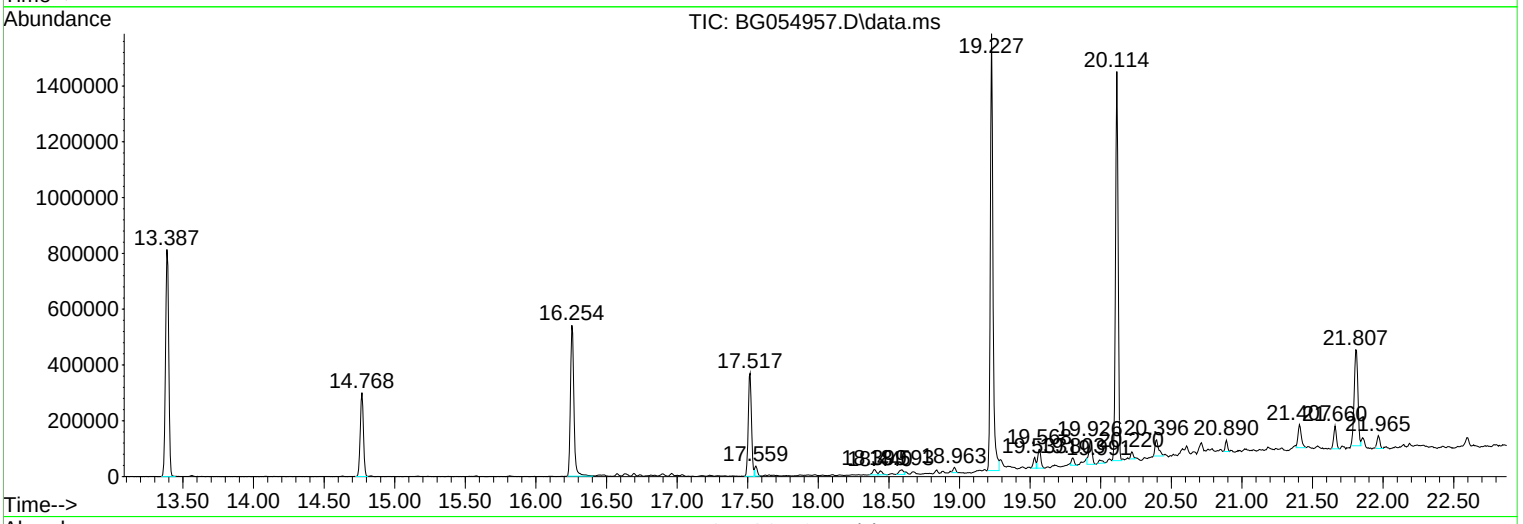
Misc :
ALS Vial : 5 Sample Multiplier: 1

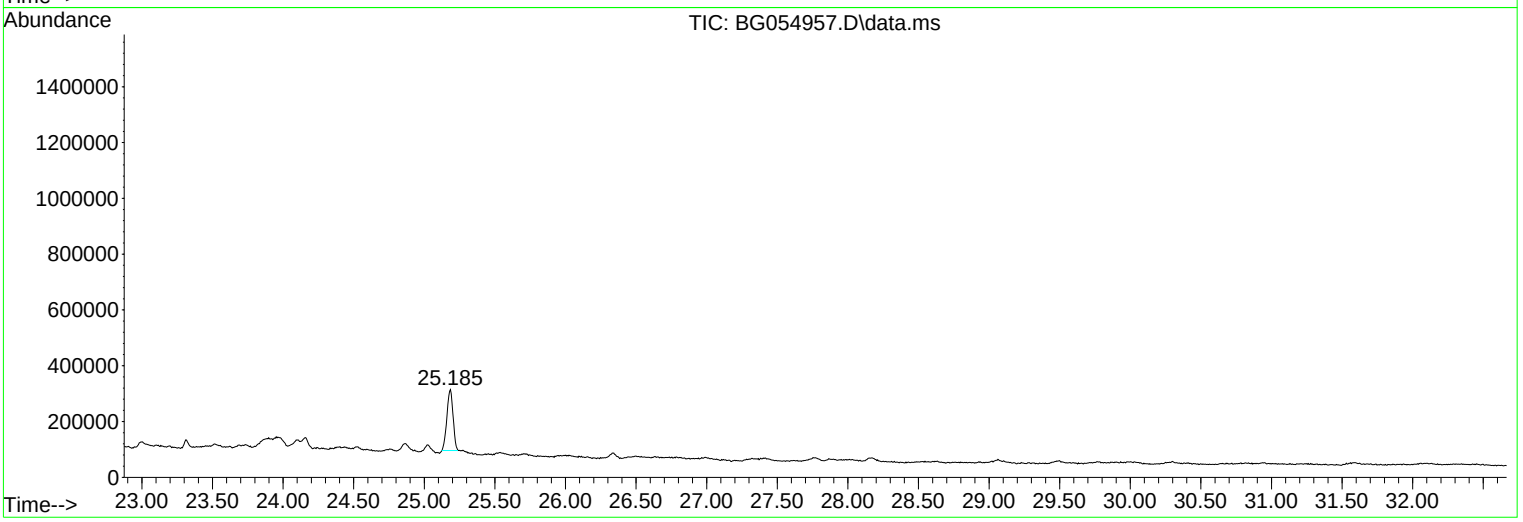
Instrument :
BNA_G
ClientSampleId :
72-11930

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







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TIC Integration Parameters: LSCINT.P

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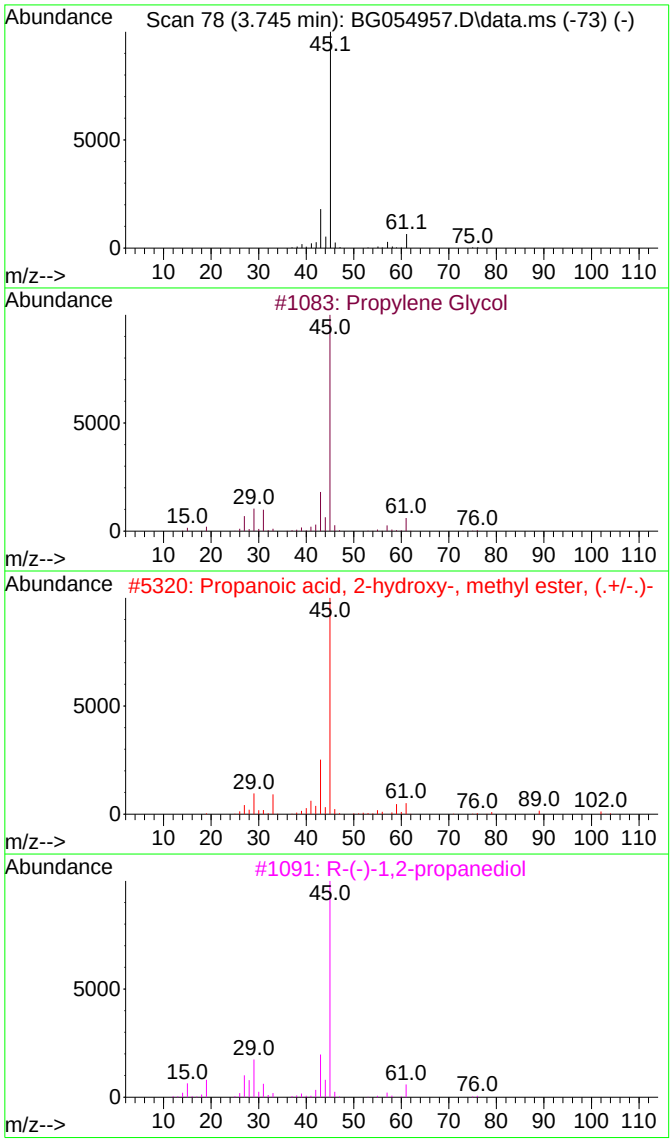
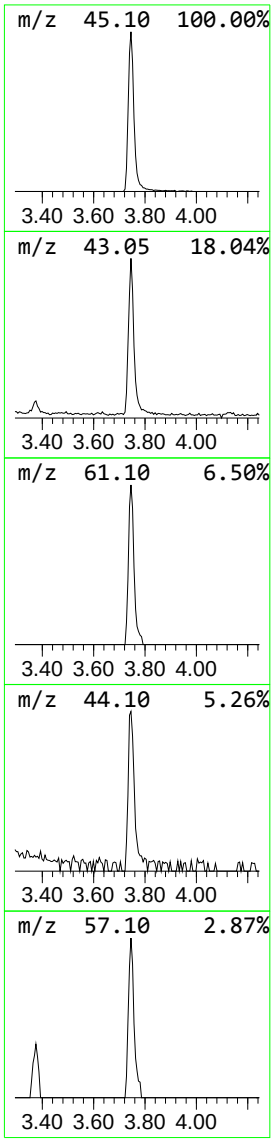
Peak Number 1 Propylene Glycol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.745	13.50 ng	133765	1,4-Dichlorobenzene-d4	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	90
2	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40
3	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
4	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	9
5	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	9





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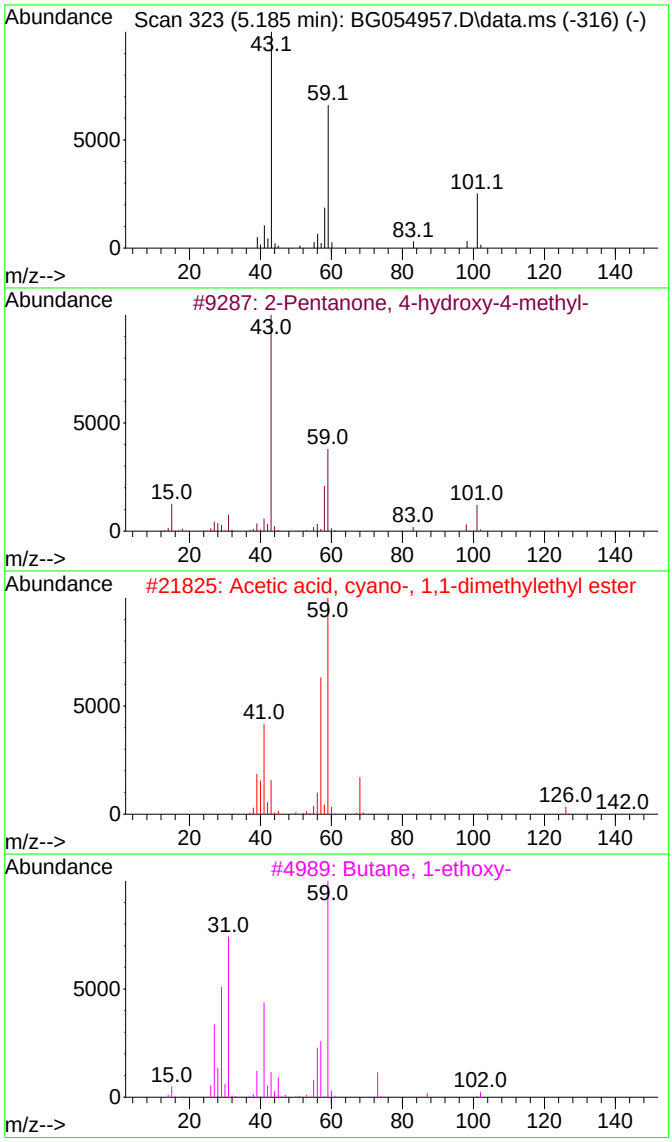
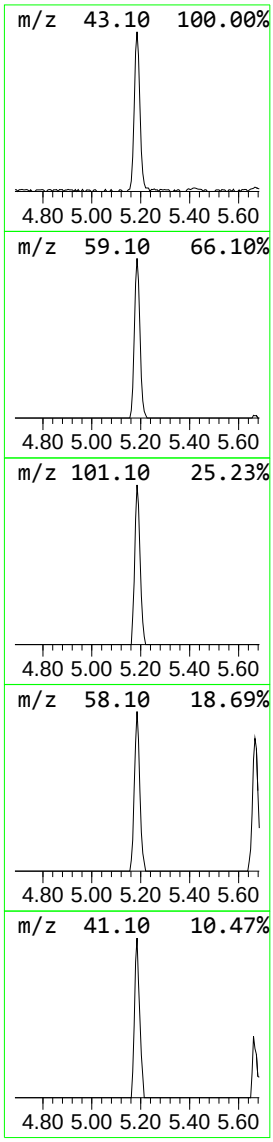
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.185	7.16 ng	70920	1,4-Dichlorobenzene-d4	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
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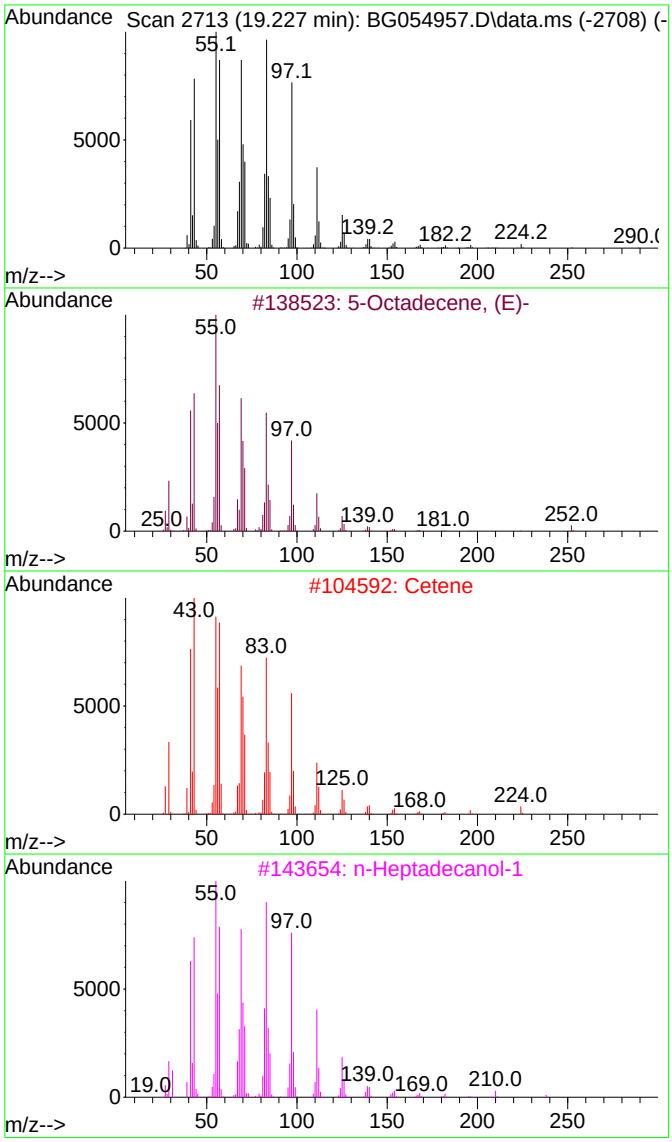
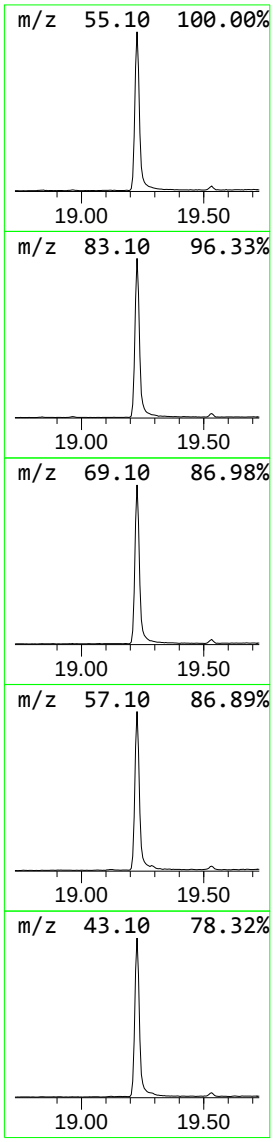
Peak Number 3 5-Octadecene, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.227	70.11 ng	2070920	Phenanthrene-d10	17.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	99
2	Cetene	224	C16H32	000629-73-2	98
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	1-Octadecanol	270	C18H38O	000112-92-5	94





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Instrument :
BNA_G
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
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TIC Library : C:\Database\NIST20.L
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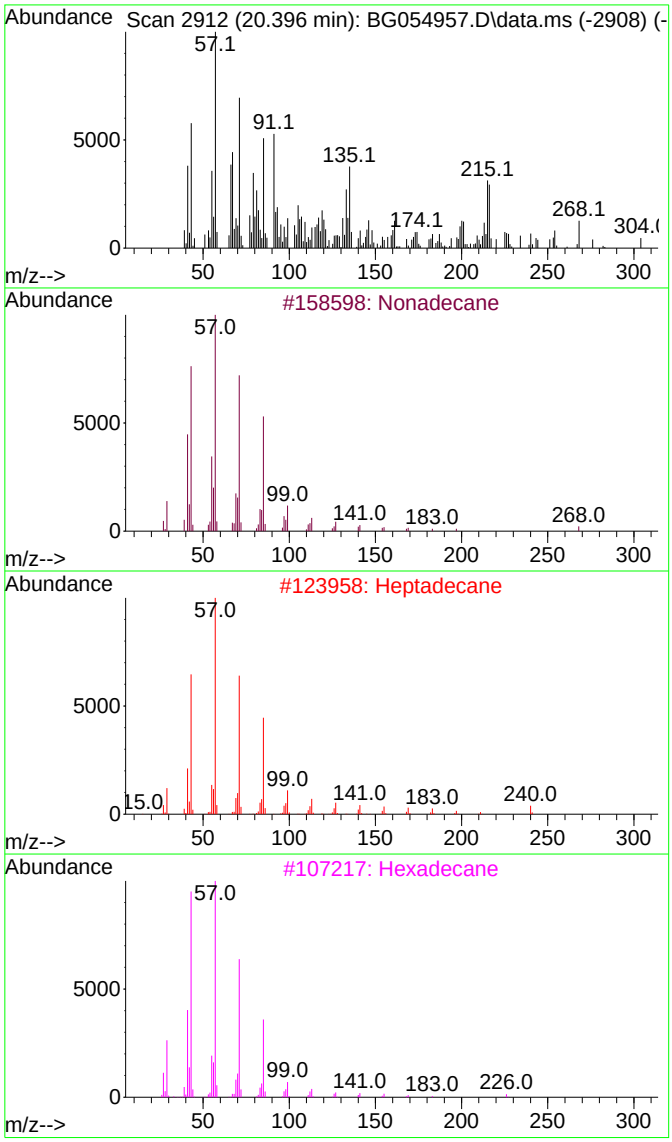
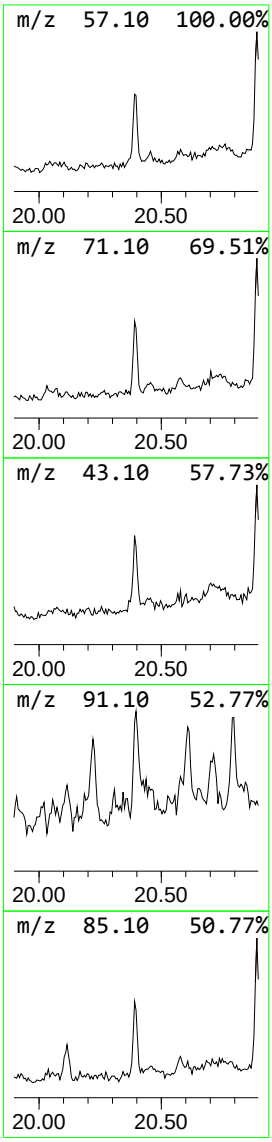
Peak Number 4 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.396	3.29 ng	104428	Chrysene-d12	21.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	46
2	Heptadecane	240	C17H36	000629-78-7	46
3	Hexadecane	226	C16H34	000544-76-3	44
4	Pentadecane	212	C15H32	000629-62-9	41
5	Octadecane	254	C18H38	000593-45-3	15





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Sample : N4640-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11930

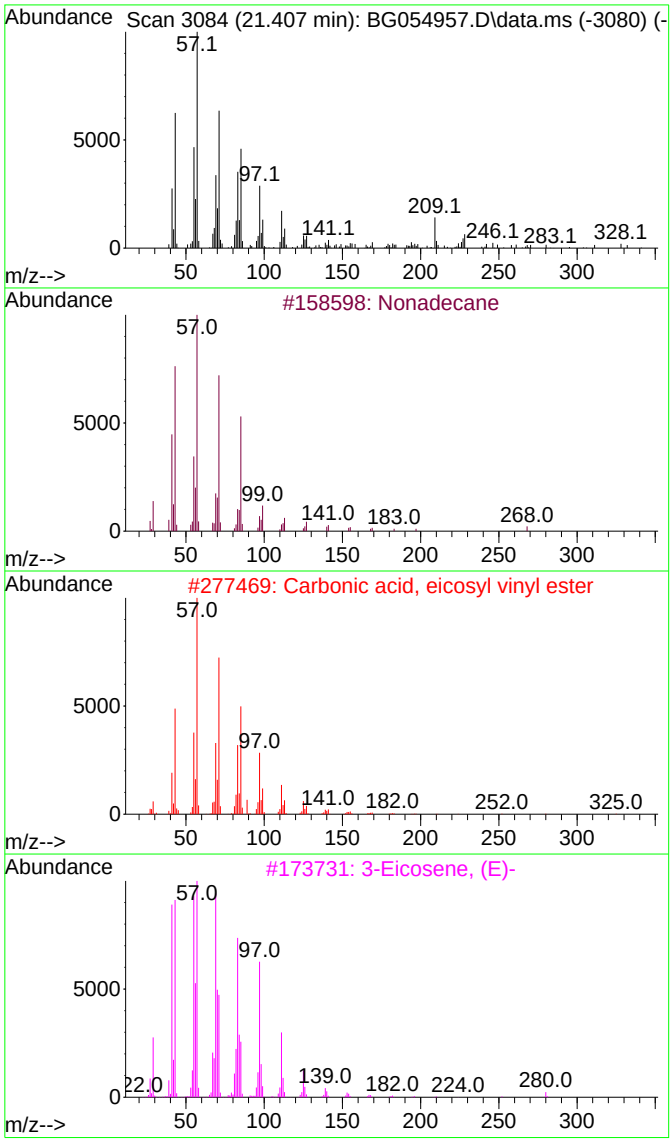
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

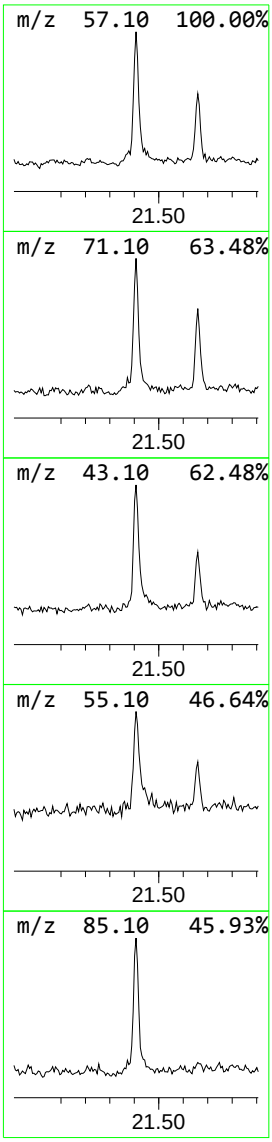
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Carbonic acid, eicosyl viny... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.407	4.23 ng	134380	Chrysene-d12	21.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	94
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	93
4	Hexadecane	226	C16H34	000544-76-3	93
5	Tetradecane	198	C14H30	000629-59-4	93





Tentatively Identified Compound (LSC) summary

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Data File : BG054957.D
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Misc :
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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propylene Glycol	3.745	13.5	ng	133765	1	8.128	198223	20.0
2-Pentanone, 4-...	5.185	7.2	ng	70920	1	8.128	198223	20.0
5-Octadecene, (E)-	19.227	70.1	ng	2070920	4	17.517	590768	20.0
Nonadecane	20.396	3.3	ng	104428	5	21.807	635071	20.0
Carbonic acid, ...	21.407	4.2	ng	134380	5	21.807	635071	20.0