LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052774.D
Acq On : 21 Mar 2022 19:07
Operator : CG/JU
Sample : N2007-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP1

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-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG052774.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.634	207	212	219	rVB	25654	39572	1.66%	0.217%
2	5.239	308	315	324	rBV	80869	133089	5.58%	0.728%
3	5.704	385	394	402	rBV	772962	1256551	52.69%	6.875%
4	7.295	657	665	675	rBV	800407	1423770	59.70%	7.790%
5	8.147	801	810	817	rBV	198431	353091	14.81%	1.932%
6	9.305	996	1007	1016	rBV	514807	926697	38.86%	5.070%
7	10.955	1278	1288	1296	rBV	273646	514775	21.58%	2.816%
8	13.393	1695	1703	1710	rBV	1217271	1983731	83.18%	10.853%
9	14.768	1930	1937	1943	rBV	426515	710119	29.78%	3.885%
10	15.161	1999	2004	2008	rBV2	14791	25479	1.07%	0.139%
11	15.320	2026	2031	2038	rBV2	18516	33211	1.39%	0.182%
12	15.807	2109	2114	2121	rBV	22647	36530	1.53%	0.200%
13	16.248	2181	2189	2200	rBV	1033912	1607124	67.39%	8.793%
14	16.495	2221	2231	2235	rBV4	22445	45809	1.92%	0.251%
15	17.258	2353	2361	2365	rBV10	10533	28076	1.18%	0.154%
16	17.317	2368	2371	2377	rVB2	18294	32551	1.36%	0.178%
17	17.505	2397	2403	2407	rBV	496113	786497	32.98%	4.303%
18	17.552	2407	2411	2417	rVB	174797	270824	11.36%	1.482%
19	17.640	2421	2426	2432	rVB2	51847	90443	3.79%	0.495%
20	18.386	2548	2553	2557	rBV2	189535	250460	10.50%	1.370%
21	18.427	2557	2560	2566	rVB	40525	65733	2.76%	0.360%
22	18.574	2580	2585	2590	rBV2	46478	87134	3.65%	0.477%
23	18.686	2600	2604	2609	rBV6	21070	38881	1.63%	0.213%
24	18.815	2623	2626	2631	rVB6	19967	27194	1.14%	0.149%
25	18.874	2631	2636	2639	rBV	31835	48280	2.02%	0.264%
26	18.909	2639	2642	2649	rVB3	38839	55861	2.34%	0.306%
27	19.297	2704	2708	2714	rBV5	21231	50783	2.13%	0.278%
28	19.432	2727	2731	2734	rBV5	19410	27189	1.14%	0.149%
29	19.555	2747	2752	2758	rVB	471556	639527	26.82%	3.499%
30	19.608	2758	2761	2765	rBV5	23443	36264	1.52%	0.198%
31	19.649	2765	2768	2772	rVV4	51013	58611	2.46%	0.321%
32	19.884	2802	2808	2809	rBV	102215	134022	5.62%	0.733%
33	19.914	2809	2813	2819	rVV	346435	534672	22.42%	2.925%
34	19.984	2822	2825	2829	rVB5	24014	36654	1.54%	0.201%
35	20.113	2840	2847	2852	rBV	1769573	2384935	100.00%	13.048%
36	20.231	2863	2867	2869	rBV5	24202	40810	1.71%	0.223%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052774.D
Acq On : 21 Mar 2022 19:07
Operator : CG/JU
Sample : N2007-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP1

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-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.407	2894	2897	2902	rVB2	63950	92542	3.88%	0.506%
38	20.507	2910	2914	2917	rBV	43272	52584	2.20%	0.288%
39	21.423	3066	3070	3081	rVB5	230398	386637	16.21%	2.115%
40	21.793	3125	3133	3138	rBV2	479805	1034365	43.37%	5.659%
41	21.840	3138	3141	3154	rVB	141002	241175	10.11%	1.319%
42	24.061	3512	3519	3526	rBV2	91063	300219	12.59%	1.643%
43	24.954	3667	3671	3680	rVB	83900	195556	8.20%	1.070%
44	25.113	3690	3698	3708	rBV2	248626	732156	30.70%	4.006%
45	25.318	3727	3733	3745	rVB	155470	427872	17.94%	2.341%

Sum of corrected areas: 18278055

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052774.D
Acq On : 21 Mar 2022 19:07
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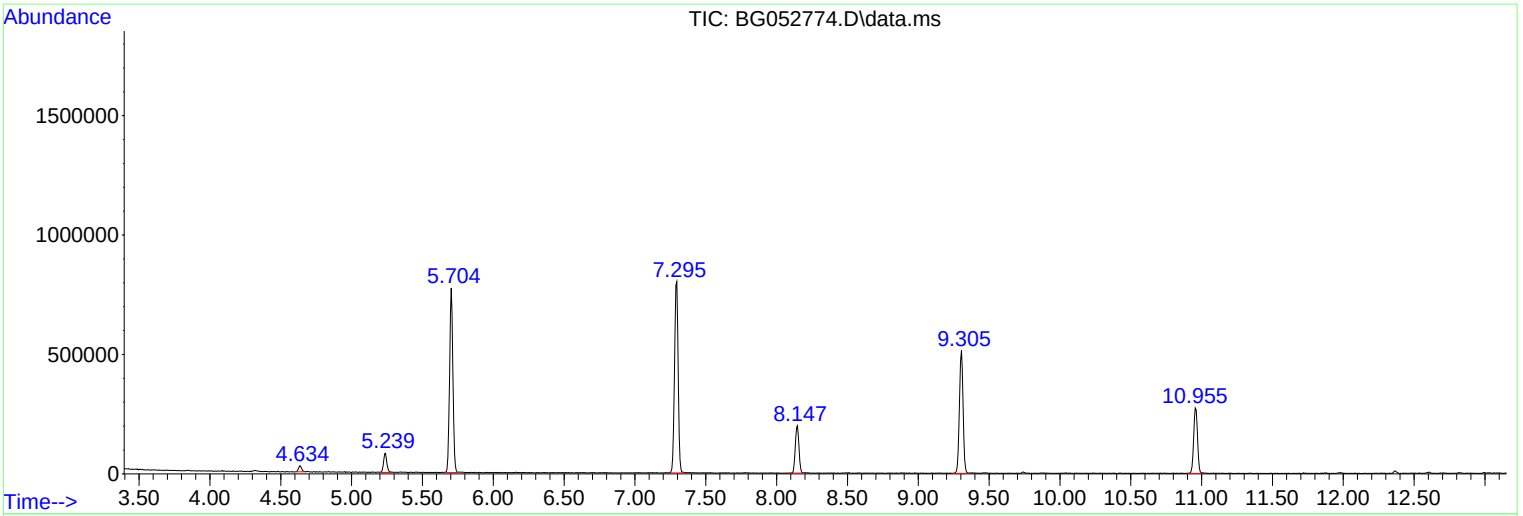
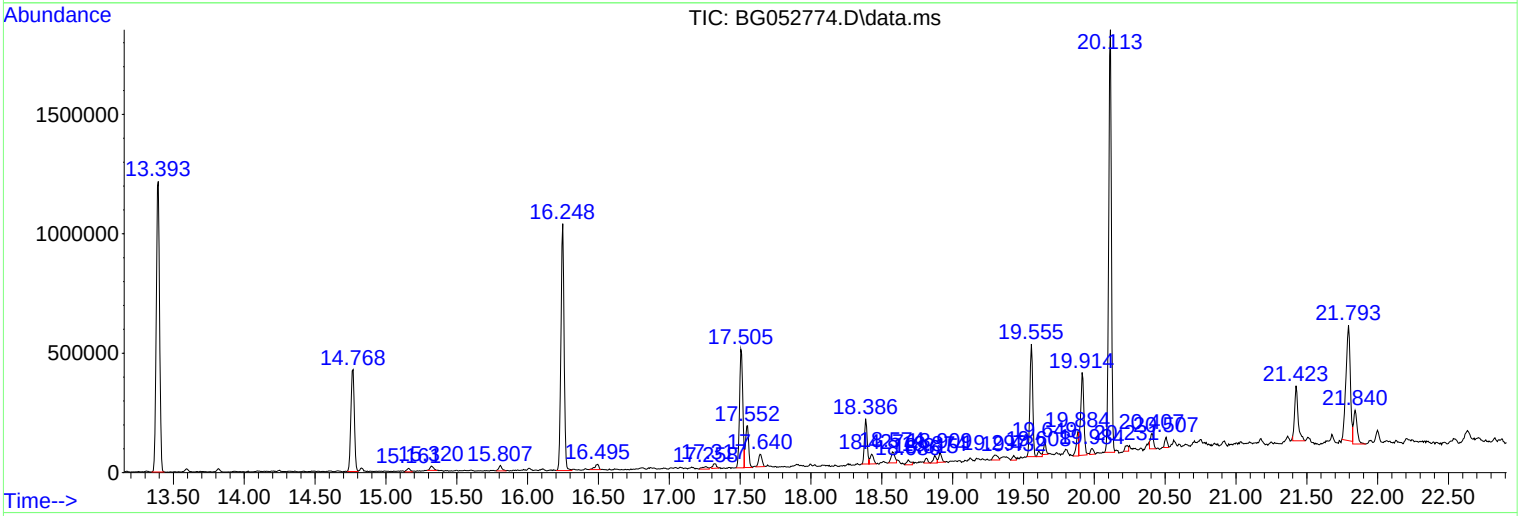
Sample : N2007-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

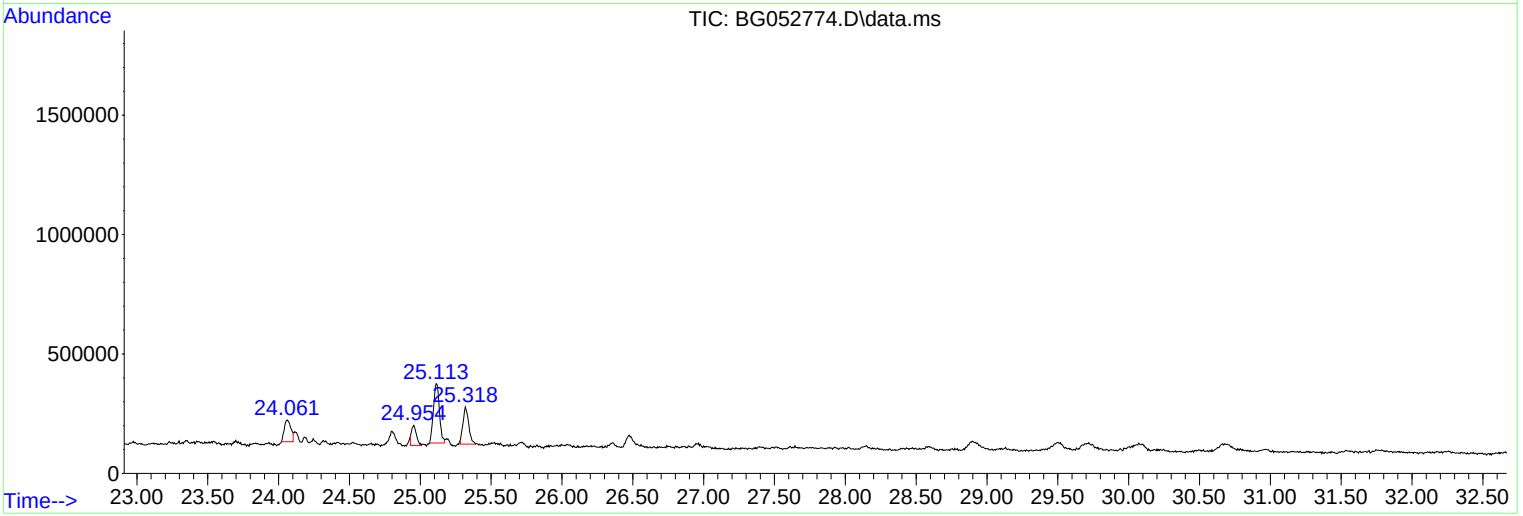
Instrument :
BNA_G
ClientSampleId :
SP1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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\BG032122\
Data File : BG052774.D
Acq On : 21 Mar 2022 19:07
Operator : CG/JU
Sample : N2007-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP1

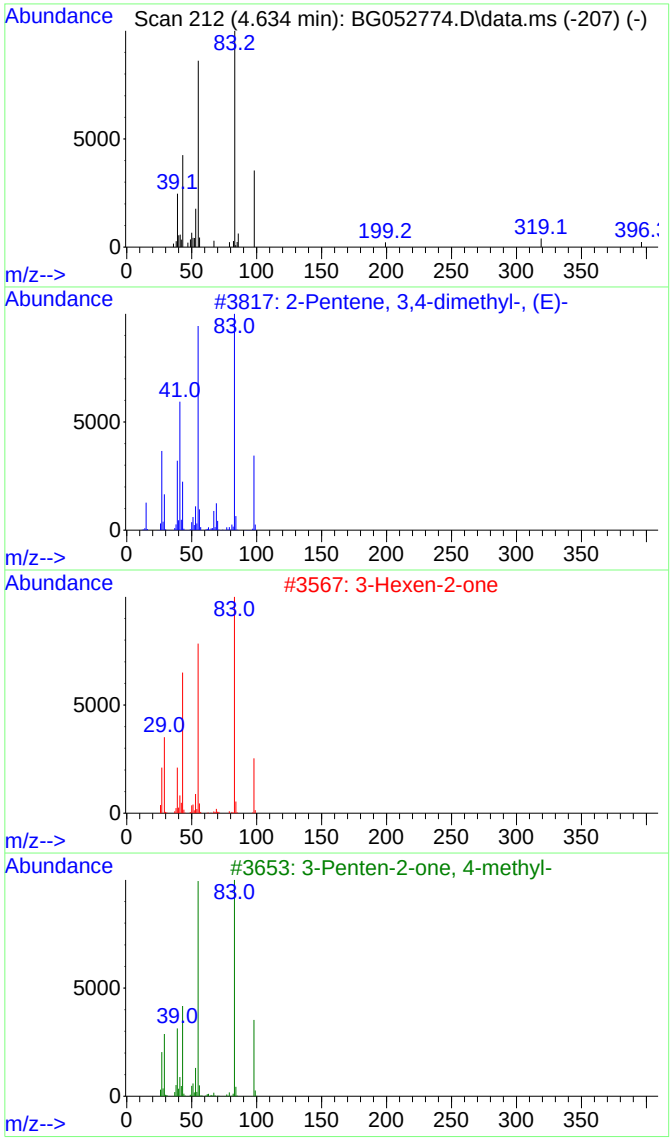
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

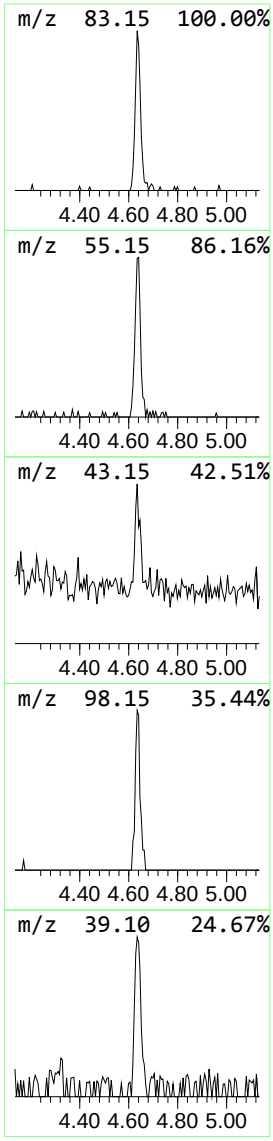
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentene, 3,4-dimethyl-, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.634	2.24 ng	39572	1,4-Dichlorobenzene-d4	8.147

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	72
2	3-Hexen-2-one	98	C6H10O	000763-93-9	72
3	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	72
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	72
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052774.D
Acq On : 21 Mar 2022 19:07
Operator : CG/JU
Sample : N2007-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP1

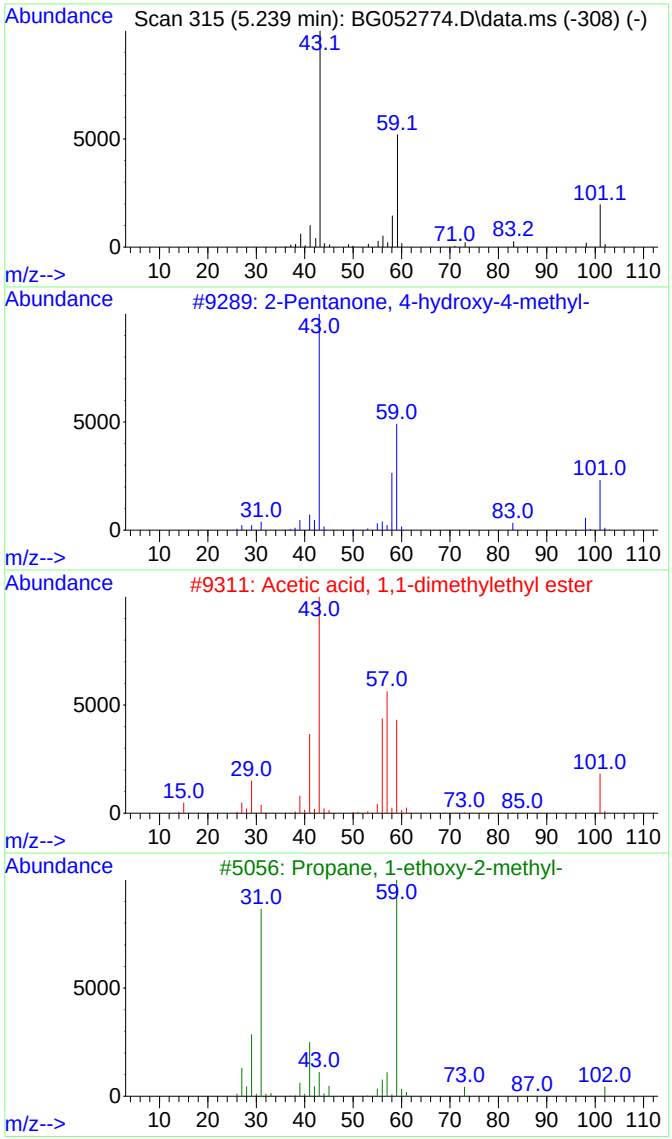
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

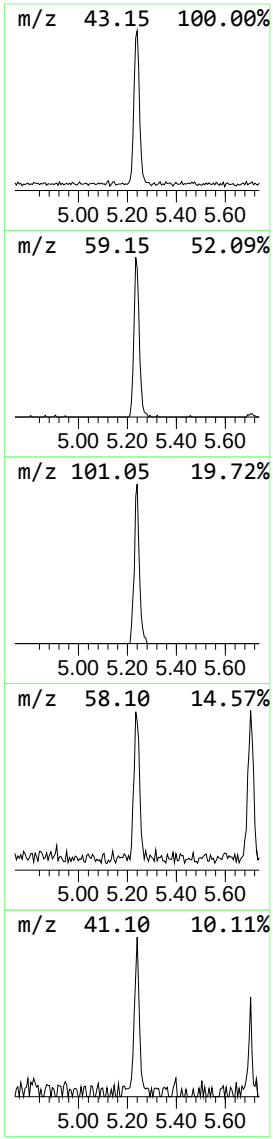
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.239	7.54 ng	133089	1,4-Dichlorobenzene-d4	8.147

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052774.D
Acq On : 21 Mar 2022 19:07
Operator : CG/JU
Sample : N2007-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

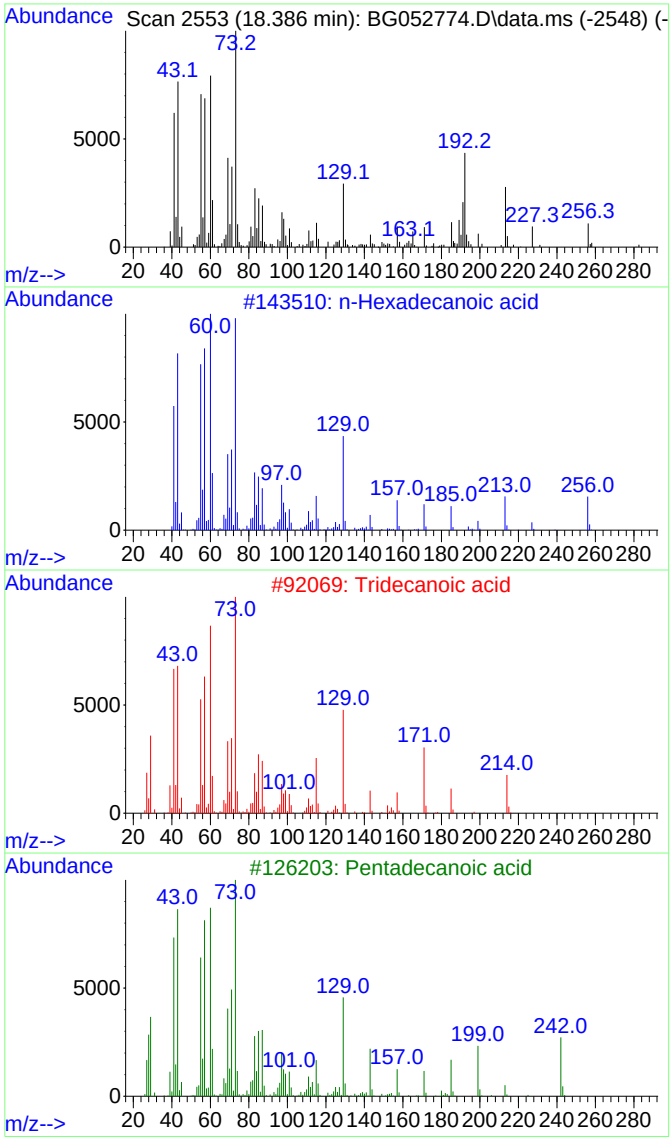
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

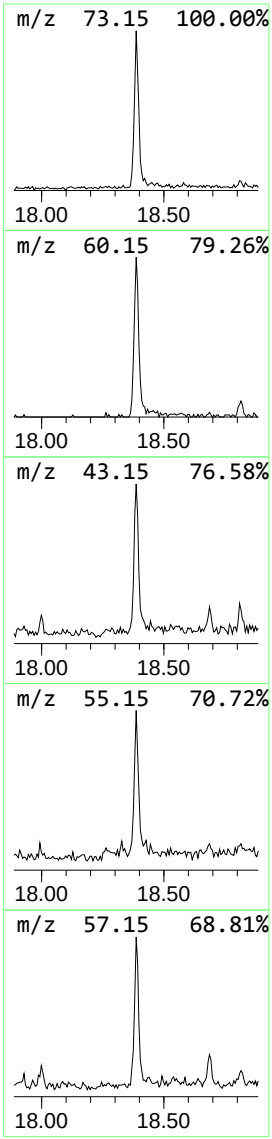
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.386	6.37 ng	250460	Phenanthrene-d10	17.505

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052774.D
Acq On : 21 Mar 2022 19:07
Operator : CG/JU
Sample : N2007-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP1

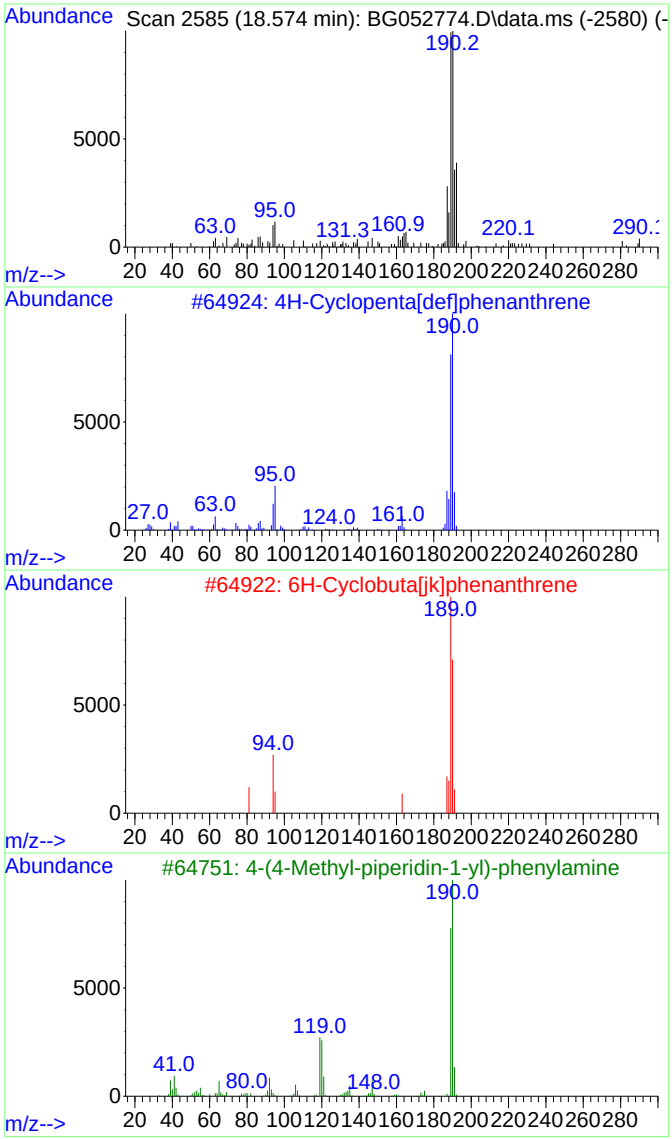
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

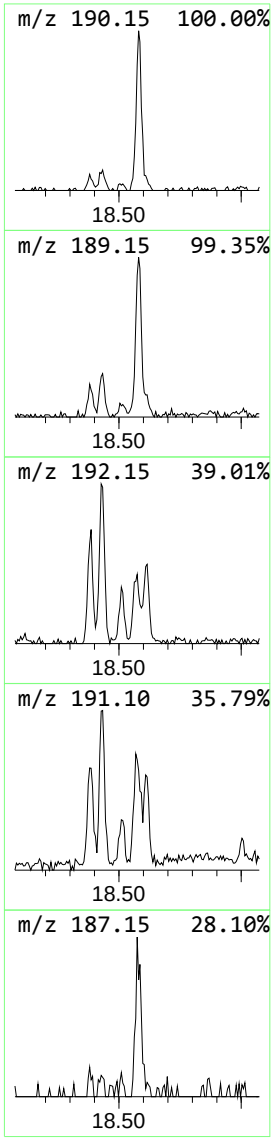
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.574	2.22 ng	87134	Phenanthrene-d10	17.505

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	4-(4-Methyl-piperidin-1-yl)-phen...	190	C12H18N2	342013-25-6	47
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052774.D
Acq On : 21 Mar 2022 19:07
Operator : CG/JU
Sample : N2007-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

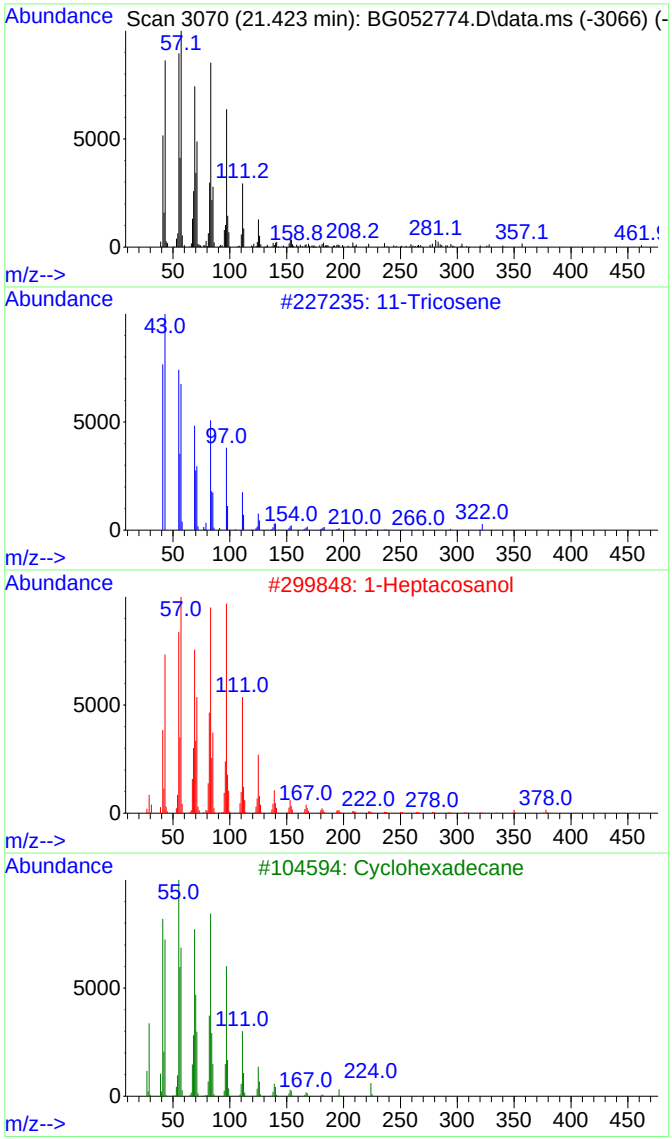
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

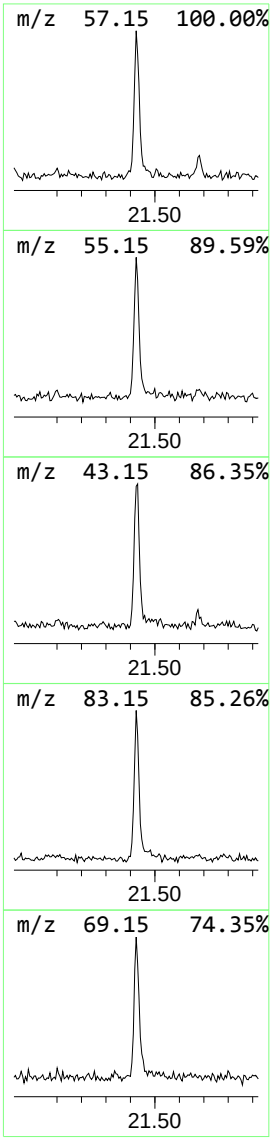
****

Peak Number 6 11-Tricosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.423	7.48 ng	386637	Chrysene-d12	21.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Tricosene	322	C23H46	052078-56-5	91
2	1-Heptacosanol	396	C27H56O	002004-39-9	91
3	Cyclohexadecane	224	C16H32	000295-65-8	90
4	1-Hexadecanol	242	C16H34O	036653-82-4	90
5	1-Octadecanol	270	C18H38O	000112-92-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052774.D
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Sample : N2007-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

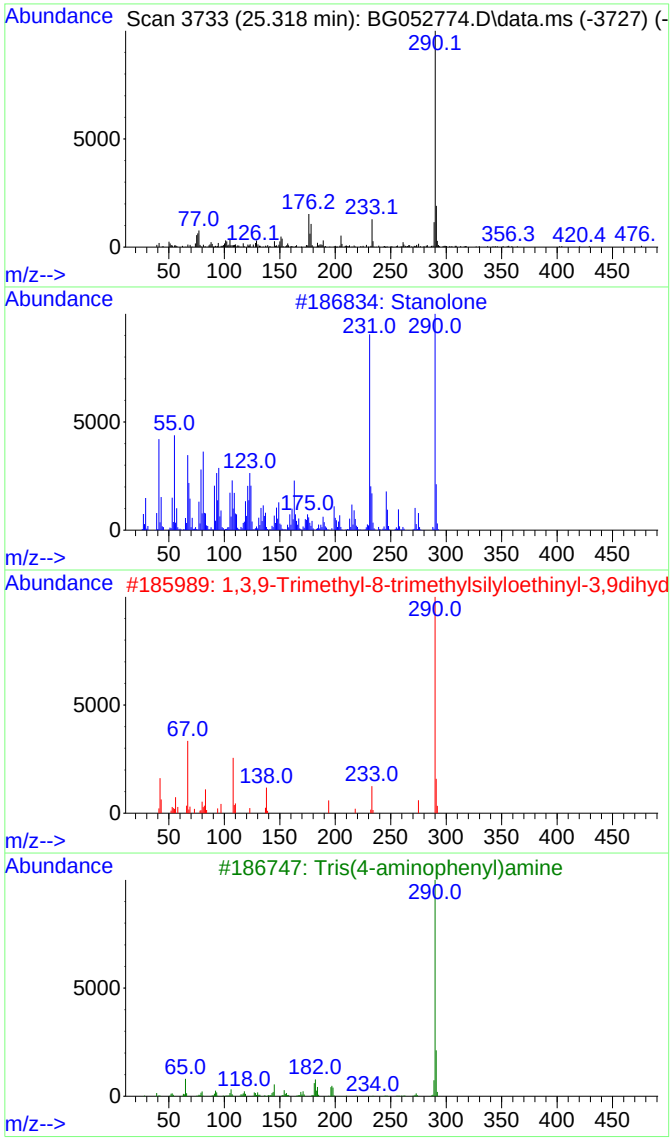
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

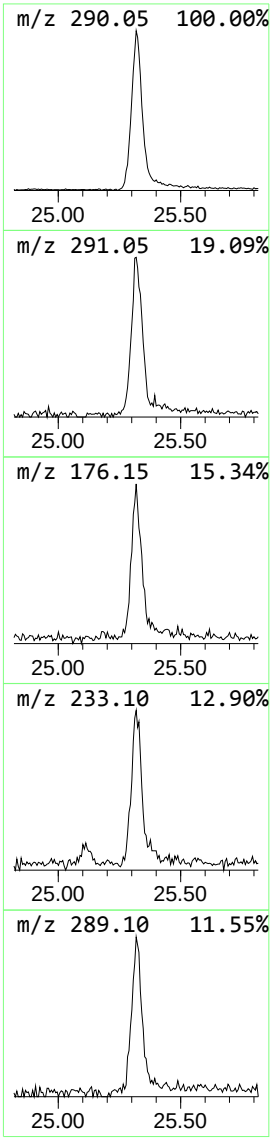
****

Peak Number 7 Stanolone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.318	11.69 ng	427872	Perylene-d12	25.113

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stanolone	290	C19H30O2	000521-18-6	53
2	1,3,9-Trimethyl-8-trimethylsilyl...	290	C13H18N4O2Si	1000312-02-8	53
3	Tris(4-aminophenyl)amine	290	C18H18N4	005981-09-9	53
4	4,6-Bis(Morpholin-4-yl)-2,1,3-be...	290	C14H18N4O3	1000389-05-7	52
5	Ferrocene, benzoyl-	290	C17H14FeO	001272-44-2	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052774.D
Acq On : 21 Mar 2022 19:07
Operator : CG/JU
Sample : N2007-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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-Pentene, 3,4-...	4.634	2.2	ng	39572	1	8.147	353091	20.0
2-Pentanone, 4-...	5.239	7.5	ng	133089	1	8.147	353091	20.0
n-Hexadecanoic ...	18.386	6.4	ng	250460	4	17.505	786497	20.0
4H-Cyclopenta[d...	18.574	2.2	ng	87134	4	17.505	786497	20.0
11-Tricosene	21.423	7.5	ng	386637	5	21.794	1034370	20.0
Stanolone	25.318	11.7	ng	427872	6	25.113	732156	20.0