LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036106.D
Acq On : 04 Aug 2022 19:44
Operator : CG/JU
Sample : N3931-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RVE-124

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_M\Methods\8270-BM080122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM036106.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.428	391	398	406	rBV	5511023	7727437	50.51%	7.247%
2	7.040	659	672	684	rBV	5209707	8326581	54.42%	7.809%
3	7.857	803	811	818	rBV	1483871	2335618	15.27%	2.190%
4	9.028	1003	1010	1018	rBV	3318201	5442568	35.57%	5.104%
5	10.663	1278	1288	1295	rBV	2129034	3530647	23.08%	3.311%
6	12.327	1560	1571	1580	rBV2	75430	178975	1.17%	0.168%
7	13.127	1700	1707	1718	rVB	8892931	12704729	83.04%	11.914%
8	14.221	1888	1893	1901	rBV	351535	537656	3.51%	0.504%
9	14.498	1932	1940	1949	rBV	3209616	4674197	30.55%	4.383%
10	15.986	2187	2193	2201	rBV	6803498	9748628	63.72%	9.142%
11	16.215	2227	2232	2239	rBV4	96104	216960	1.42%	0.203%
12	17.245	2401	2407	2411	rBV	3591911	5091710	33.28%	4.775%
13	17.286	2411	2414	2419	rVB	899886	1106284	7.23%	1.037%
14	17.374	2425	2429	2434	rVB	294159	369711	2.42%	0.347%
15	17.639	2465	2474	2481	rBV3	103908	301081	1.97%	0.282%
16	17.915	2517	2521	2526	rVB	318255	379203	2.48%	0.356%
17	18.121	2551	2556	2557	rBV	230608	298507	1.95%	0.280%
18	18.139	2557	2559	2561	rVV	198028	209517	1.37%	0.196%
19	18.309	2583	2588	2592	rBV2	280344	508558	3.32%	0.477%
20	18.351	2592	2595	2602	rVB	204448	265807	1.74%	0.249%
21	18.433	2605	2609	2613	rBV2	117639	168593	1.10%	0.158%
22	18.615	2636	2640	2644	rVV2	130854	185852	1.21%	0.174%
23	18.915	2687	2691	2694	rBV	142248	177078	1.16%	0.166%
24	19.033	2707	2711	2715	rBV	342539	527756	3.45%	0.495%
25	19.092	2717	2721	2725	rVV3	375111	557810	3.65%	0.523%
26	19.174	2731	2735	2740	rBV2	210675	343026	2.24%	0.322%
27	19.221	2741	2743	2749	rVB2	137705	160615	1.05%	0.151%
28	19.298	2751	2756	2763	rBV	1648587	2088200	13.65%	1.958%
29	19.451	2778	2782	2786	rVB	159467	203837	1.33%	0.191%
30	19.568	2799	2802	2807	rVB2	174724	215446	1.41%	0.202%
31	19.662	2809	2818	2826	rBV	1775971	2920591	19.09%	2.739%
32	19.739	2826	2831	2834	rBV2	219742	323488	2.11%	0.303%
33	19.868	2847	2853	2864	rVB	12404722	15299255	100.00%	14.348%
34	19.986	2868	2873	2880	rBV4	226525	542391	3.55%	0.509%
35	20.121	2893	2896	2898	rBV4	125982	176892	1.16%	0.166%
36	20.315	2925	2929	2932	rVB2	336130	424026	2.77%	0.398%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036106.D
Acq On : 04 Aug 2022 19:44
Operator : CG/JU
Sample : N3931-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RVE-124

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_M\Methods\8270-BM080122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.456	2949	2953	2956	rBV	316594	429004	2.80%	0.402%
38	20.498	2957	2960	2964	rVB	243060	301470	1.97%	0.283%
39	20.903	3026	3029	3035	rVB	298603	384508	2.51%	0.361%
40	21.139	3065	3069	3075	rVB2	1291559	1657270	10.83%	1.554%
41	21.421	3110	3117	3121	rBV2	3554584	5586931	36.52%	5.239%
42	21.456	3121	3123	3130	rVB	856365	1081806	7.07%	1.015%
43	22.033	3218	3221	3223	rBV	331419	471597	3.08%	0.442%
44	23.068	3392	3397	3402	rBV	1199258	2295267	15.00%	2.153%
45	23.680	3497	3501	3509	rVB	773910	1434122	9.37%	1.345%
46	23.786	3513	3519	3525	rVV2	1707312	3306839	21.61%	3.101%
47	24.397	3619	3623	3633	rVB	676047	1414542	9.25%	1.327%

Sum of corrected areas: 106632586

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Instrument :
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ClientSampleId :
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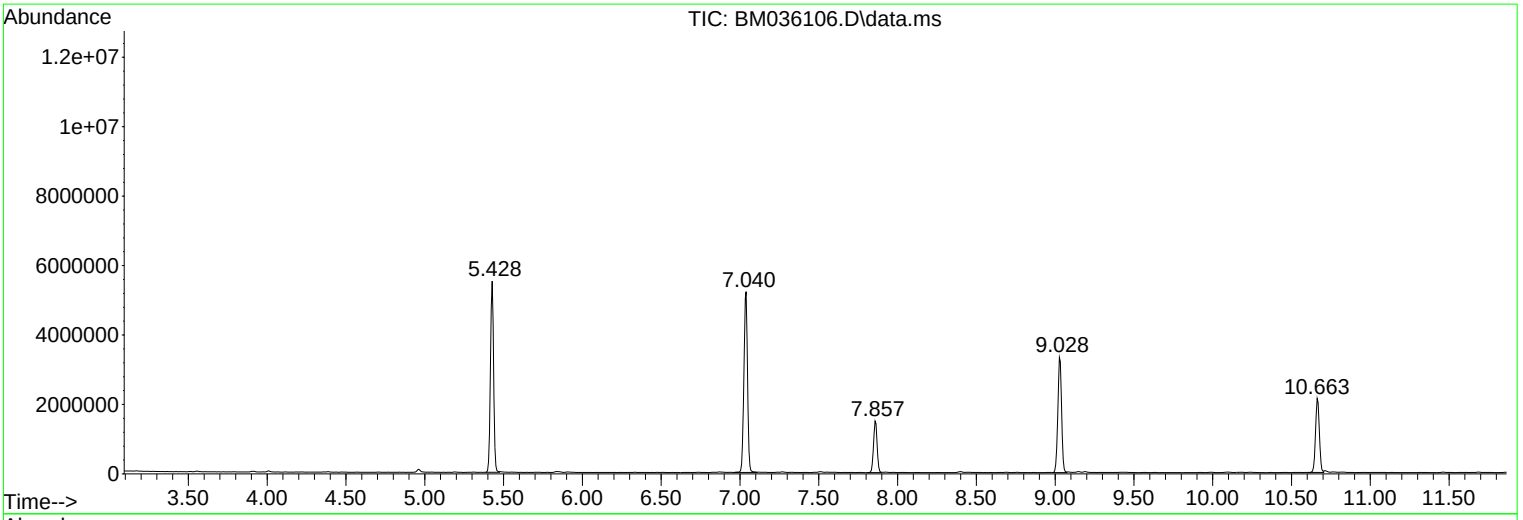
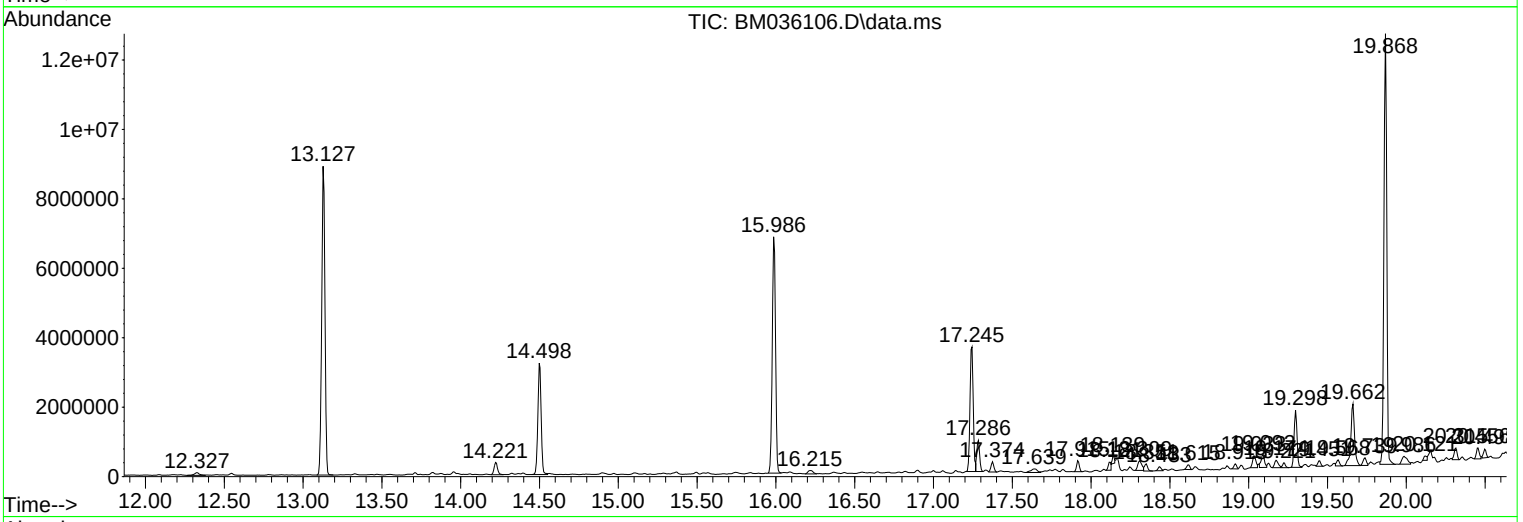
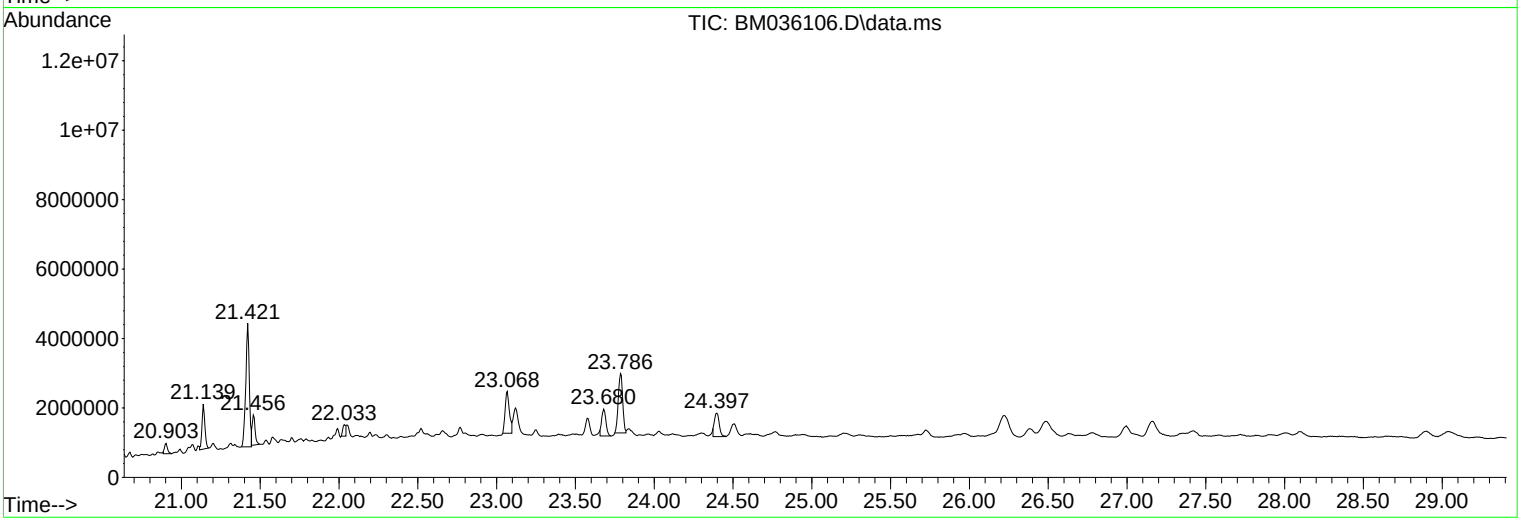
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Data File : BM036106.D
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Sample : N3931-13
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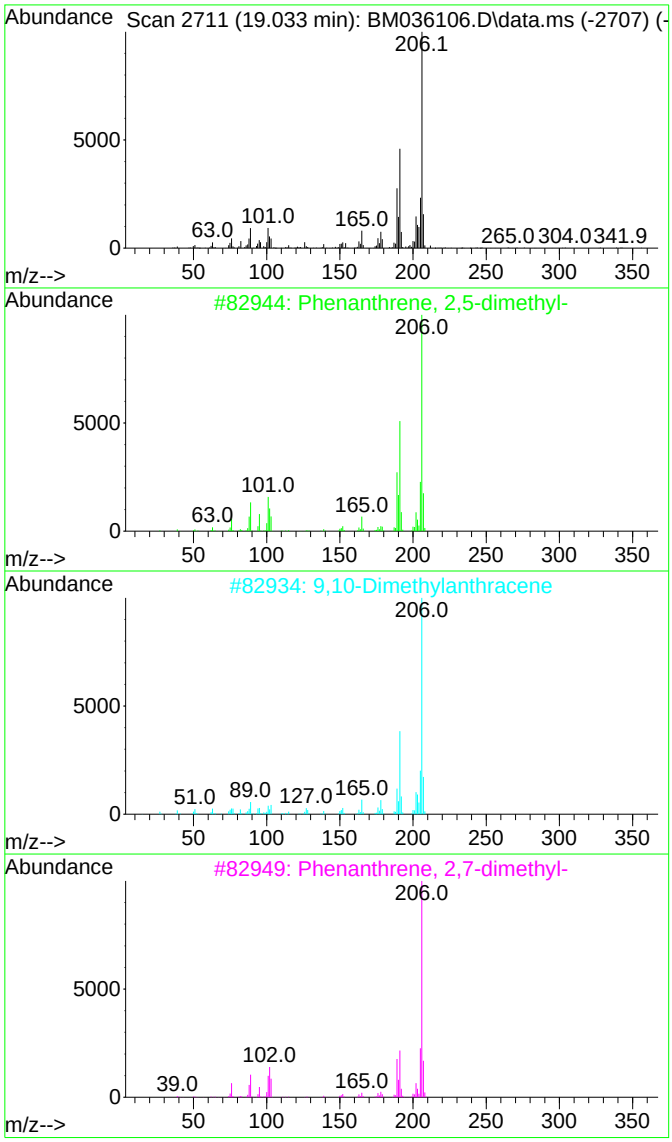
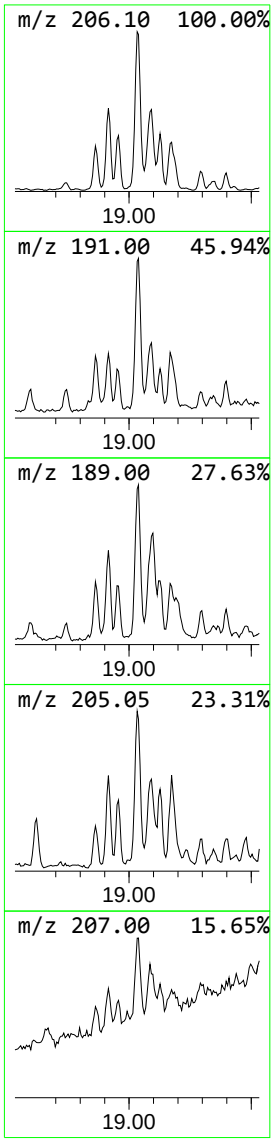
****

Peak Number 1 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.033	2.07 ng	527756	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





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Instrument :
BNA_M
ClientSampleId :
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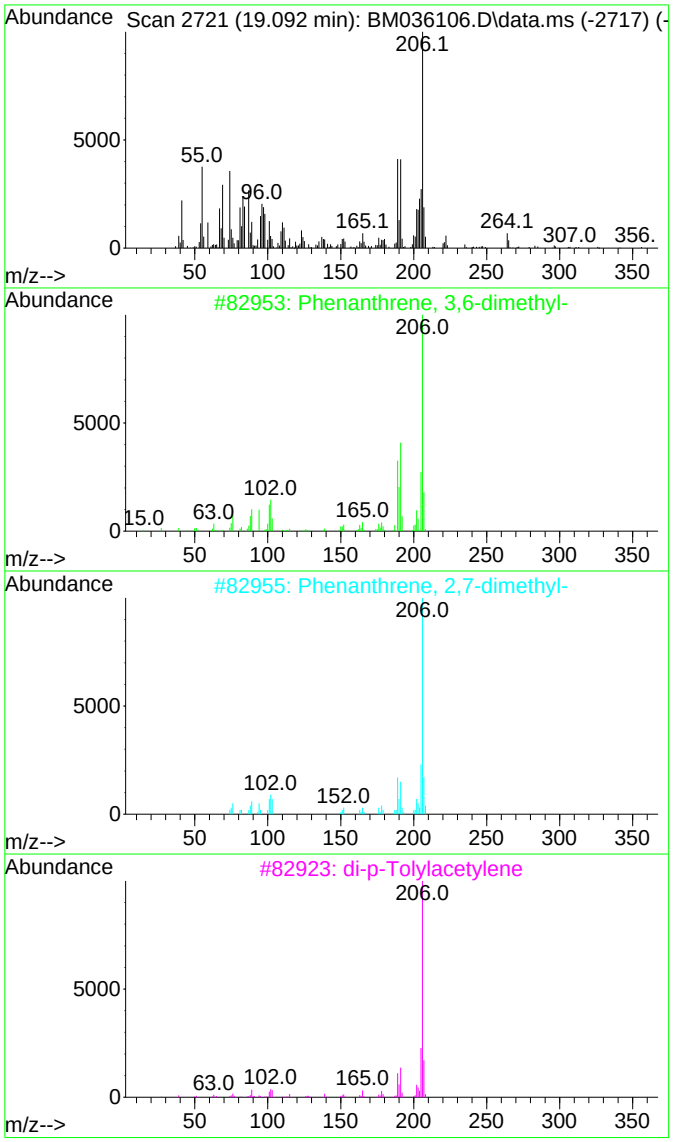
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

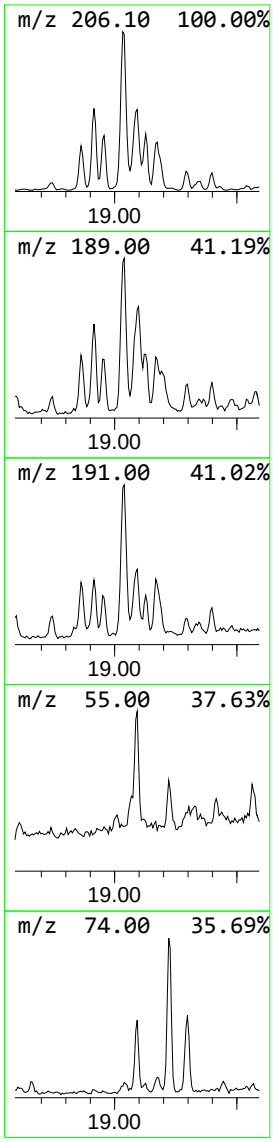
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenanthrene, 3,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.092	2.19 ng	557810	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	60
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	52
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	50
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	50





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Sample : N3931-13
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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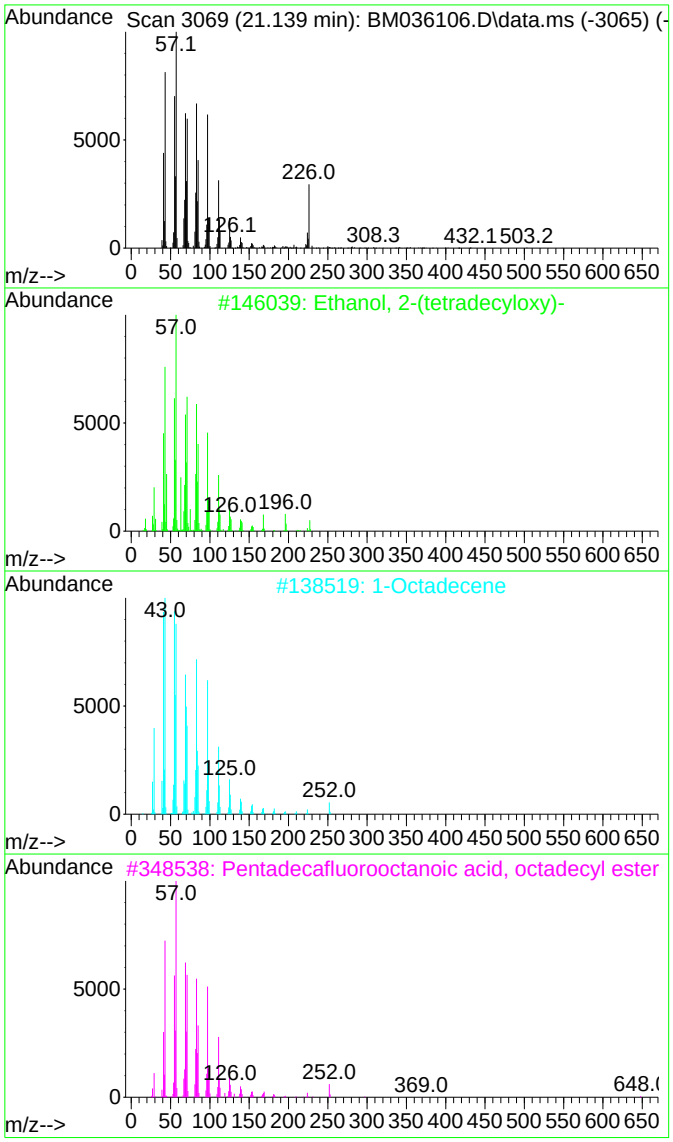
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

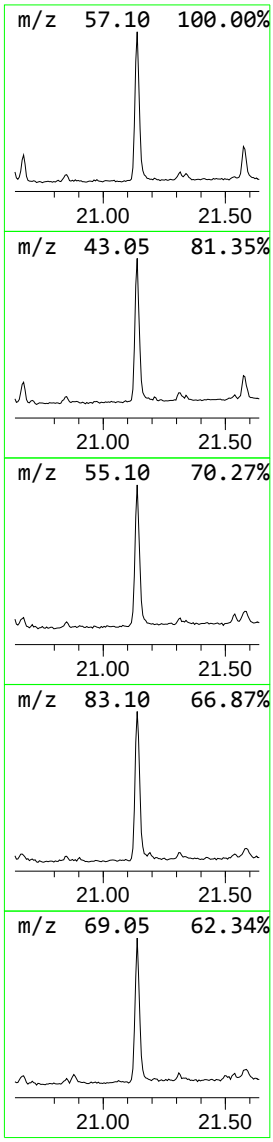
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 2-(tetradecyloxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.139	5.93 ng	1657270	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	99
2	1-Octadecene	252	C18H36	000112-88-9	95
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	92
5	Cyclohexadecane	224	C16H32	000295-65-8	92





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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

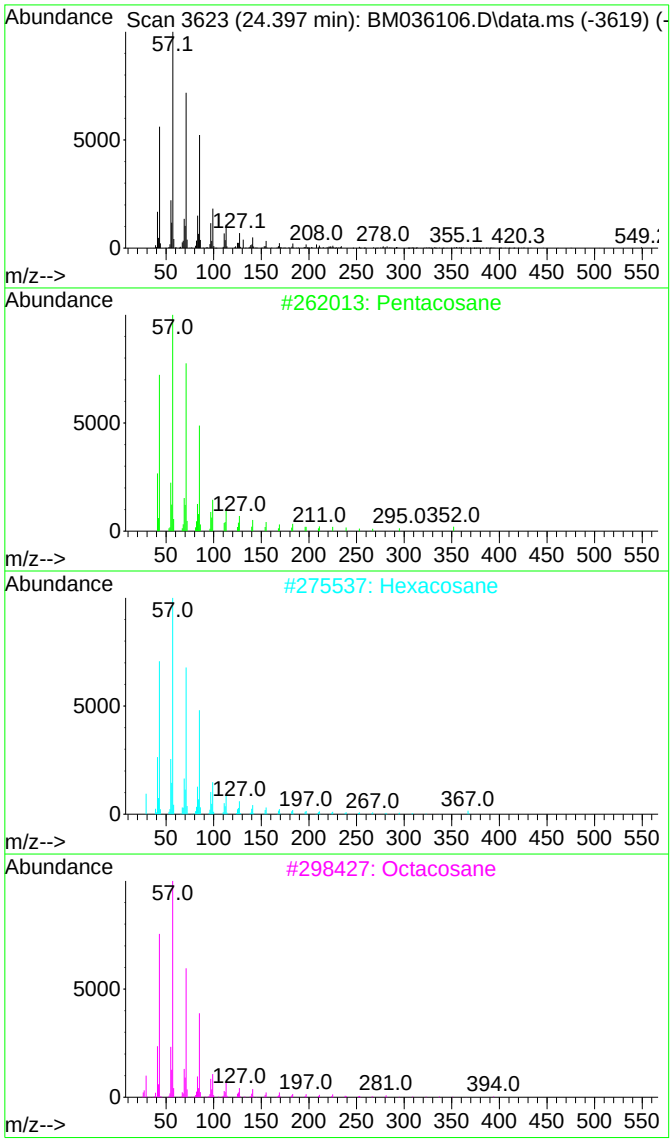
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

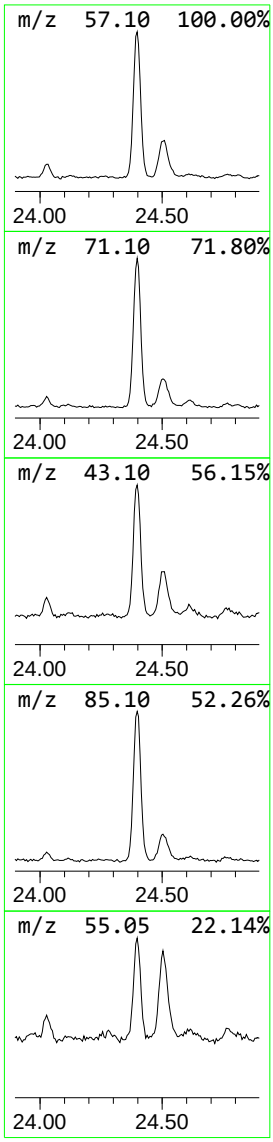
****

Peak Number 4 Pentacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.397	8.56 ng	1414540	Perylene-d12	23.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	94
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Tentatively Identified Compound (LSC) summary

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Instrument :
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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
Phenanthrene, 2...	19.033	2.1	ng	527756	4	17.245	5091710	20.0
Phenanthrene, 3...	19.092	2.2	ng	557810	4	17.245	5091710	20.0
Ethanol, 2-(tet...	21.139	5.9	ng	1657270	5	21.421	5586930	20.0
Pentacosane	24.397	8.6	ng	1414540	6	23.786	3306840	20.0