LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
Data File : BG044654.D
Acq On : 3 Mar 2020 6:21
Operator : CG/JU
Sample : L1743-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C-7

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-BG022420.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.897	302	308	321	rBV	27448	47794	1.44%	0.206%
2	5.373	383	389	406	rBV	865982	1417472	42.84%	6.109%
3	6.983	654	663	676	rBV	942936	1591230	48.09%	6.858%
4	7.800	795	802	812	rBV	230637	392948	11.88%	1.694%
5	8.123	850	857	868	rBV	719854	1248788	37.74%	5.382%
6	8.963	988	1000	1013	rBV	554064	1006870	30.43%	4.340%
7	10.602	1272	1279	1294	rBV	339792	620938	18.77%	2.676%
8	13.076	1692	1700	1712	rBV	1561905	2462603	74.42%	10.614%
9	13.910	1836	1842	1848	rBV	81848	124844	3.77%	0.538%
10	14.457	1927	1935	1941	rBV	568676	907691	27.43%	3.912%
11	15.943	2181	2188	2201	rBV	1150001	1837750	55.54%	7.921%
12	17.200	2395	2402	2406	rBV	726821	1059302	32.01%	4.566%
13	17.242	2406	2409	2416	rVV	169050	240094	7.26%	1.035%
14	17.336	2420	2425	2430	rVB	28520	47822	1.45%	0.206%
15	17.776	2496	2500	2511	rVB9	17674	38729	1.17%	0.167%
16	18.076	2546	2551	2554	rBV	43810	64133	1.94%	0.276%
17	18.123	2554	2559	2565	rVB	56234	95747	2.89%	0.413%
18	18.270	2578	2584	2588	rBV2	43698	81101	2.45%	0.350%
19	18.305	2588	2590	2599	rVB2	26798	39736	1.20%	0.171%
20	18.575	2632	2636	2640	rBV	25346	39070	1.18%	0.168%
21	18.616	2640	2643	2654	rVB3	20668	36379	1.10%	0.157%
22	18.998	2704	2708	2712	rVV	31480	47484	1.44%	0.205%
23	19.133	2727	2731	2739	rBV3	29962	50667	1.53%	0.218%
24	19.257	2746	2752	2757	rBV	354606	482584	14.58%	2.080%
25	19.404	2773	2777	2781	rBV2	71892	87883	2.66%	0.379%
26	19.568	2802	2805	2806	rBV2	52138	52702	1.59%	0.227%
27	19.615	2806	2813	2822	rVB	317899	571134	17.26%	2.462%
28	19.697	2823	2827	2831	rVB5	24124	33917	1.03%	0.146%
29	19.821	2840	2848	2853	rBV	2572118	3308892	100.00%	14.262%
30	19.944	2863	2869	2877	rBV5	29620	84813	2.56%	0.366%
31	20.109	2894	2897	2901	rVB	37245	49946	1.51%	0.215%
32	20.273	2920	2925	2929	rVB2	34215	58882	1.78%	0.254%
33	20.532	2966	2969	2973	rVV	44619	56961	1.72%	0.246%
34	20.861	3021	3025	3031	rVB	45546	68490	2.07%	0.295%

LSC Area Percent Report

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Sample : L1743-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C-7

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-BG022420.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	21.113	3064	3068	3074	rBV3	178201	266854	8.06%	1.150%
36	21.431	3114	3122	3127	rBV3	759285	1449265	43.80%	6.246%
37	21.478	3127	3130	3139	rVB	150218	238064	7.19%	1.026%
38	22.858	3361	3365	3372	rVB2	80198	155680	4.70%	0.671%
39	23.499	3467	3474	3481	rBV2	127430	384574	11.62%	1.658%
40	23.616	3489	3494	3500	rVB2	57915	110191	3.33%	0.475%
41	24.169	3584	3588	3602	rVB	82890	204379	6.18%	0.881%
42	24.304	3605	3611	3620	rVB	100218	250817	7.58%	1.081%
43	24.451	3626	3636	3662	rVB2	450386	1476613	44.63%	6.364%
44	25.544	3816	3822	3831	rVB3	39071	100596	3.04%	0.434%
45	27.853	4207	4215	4230	rVB5	48982	208945	6.31%	0.901%

Sum of corrected areas: 23201374

LSC Report - Integrated Chromatogram

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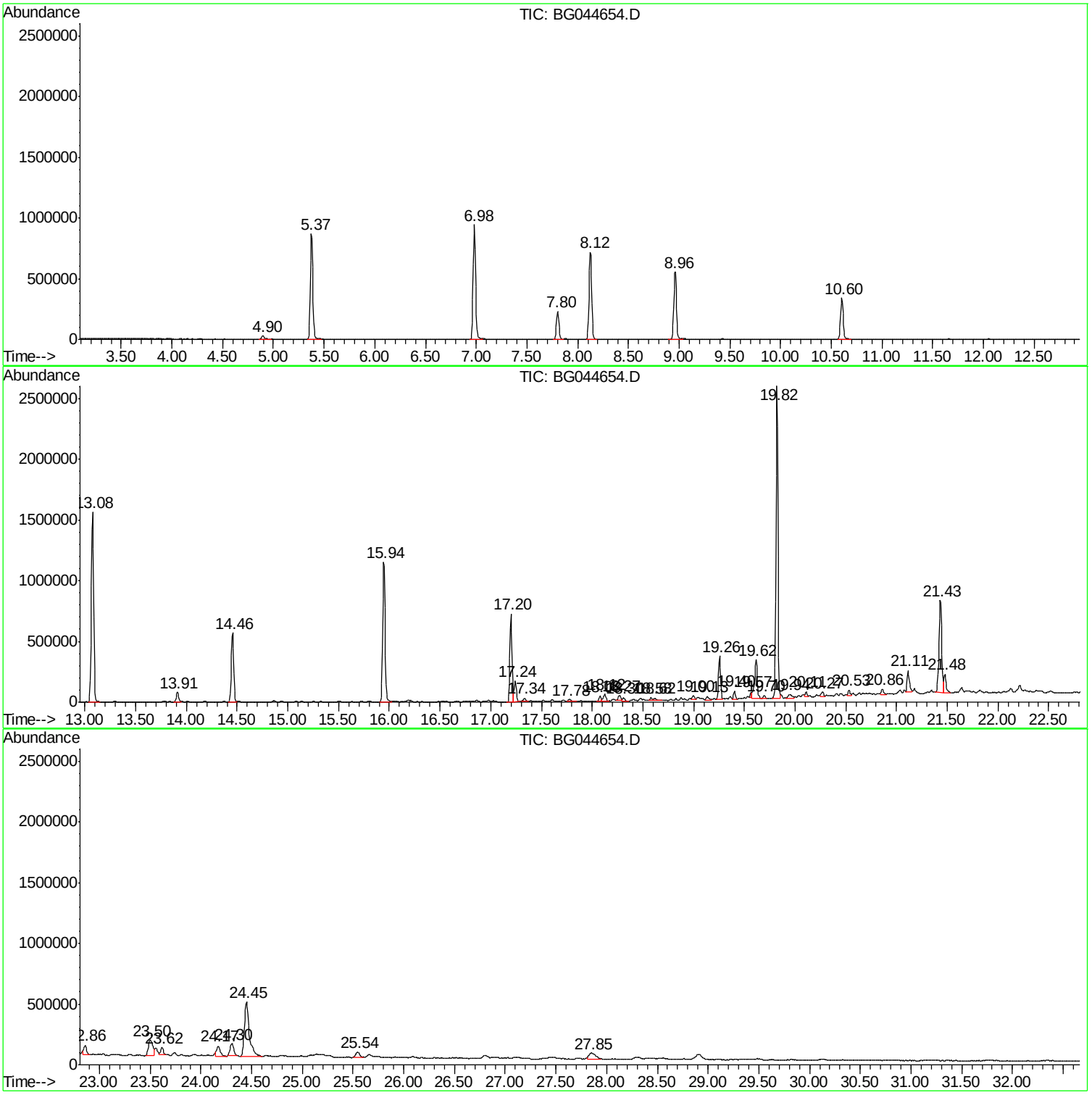
Sample : L1743-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
Data File : BG044654.D
Acq On : 3 Mar 2020 6:21
Operator : CG/JU
Sample : L1743-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

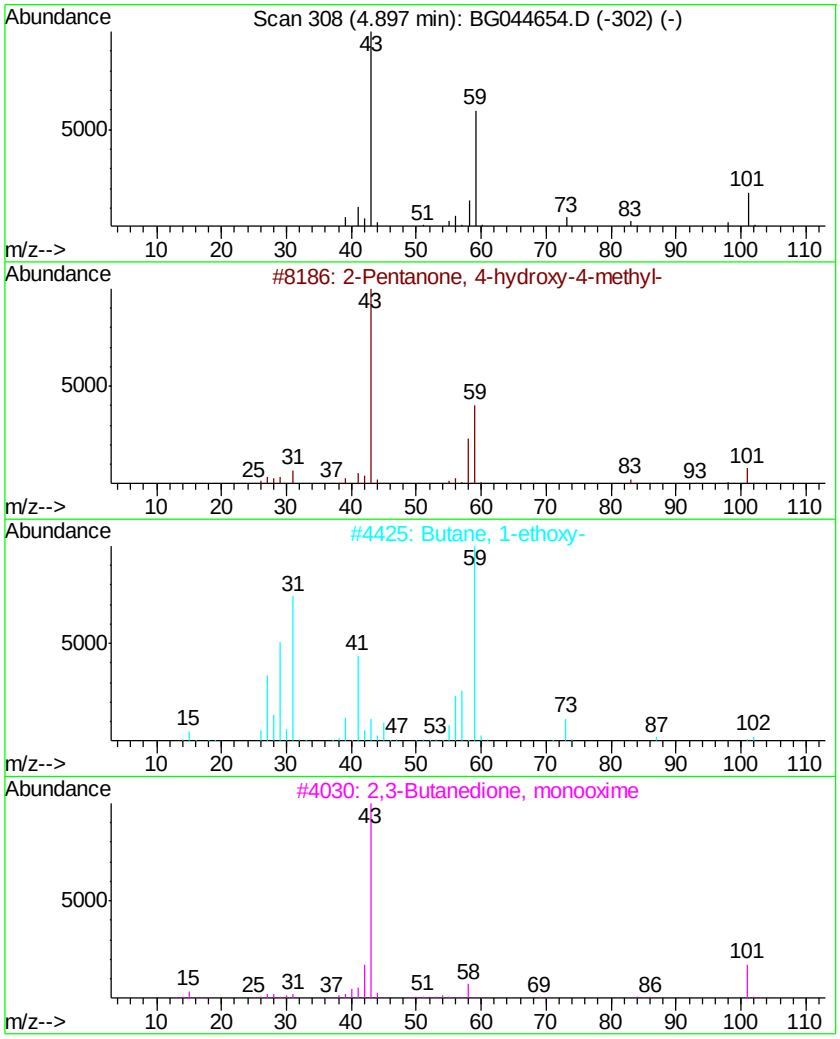
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

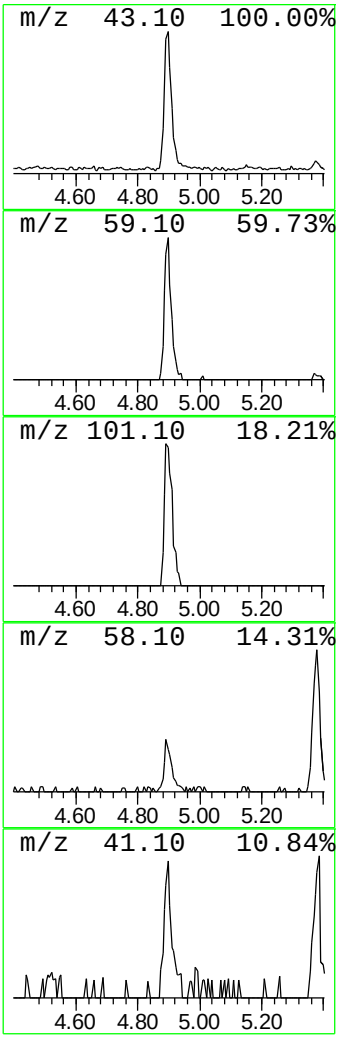
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	2.43 ng	47794	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : C-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

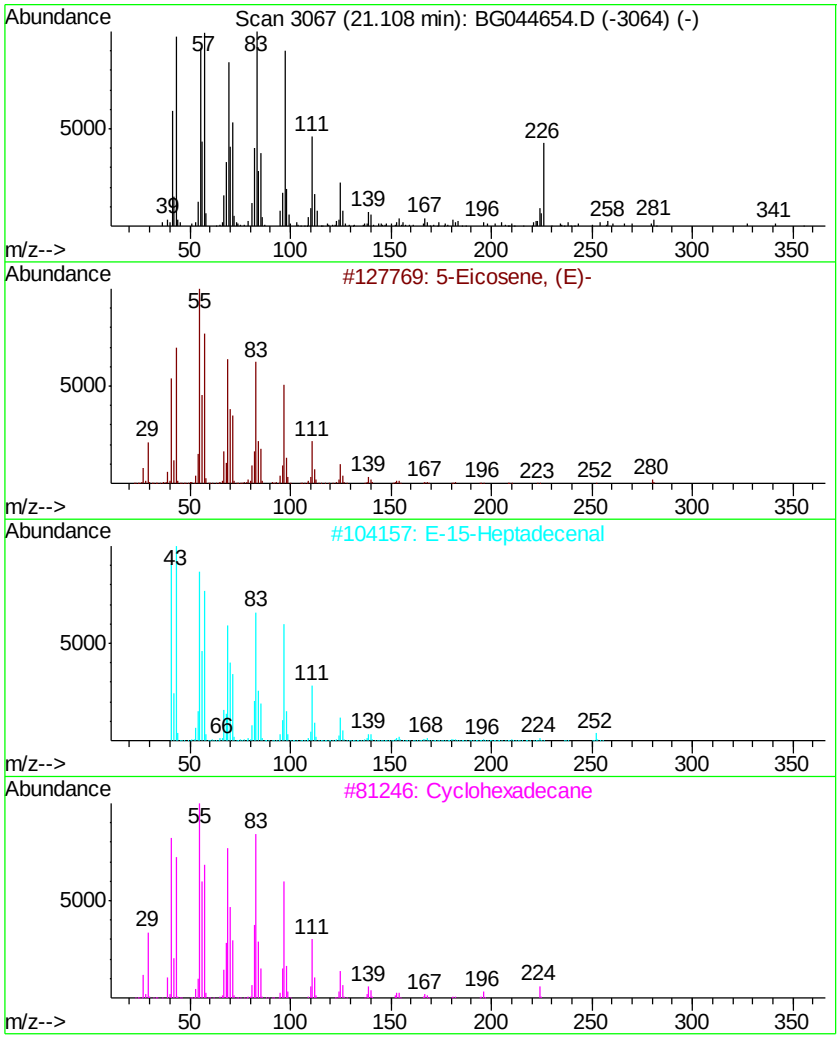
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

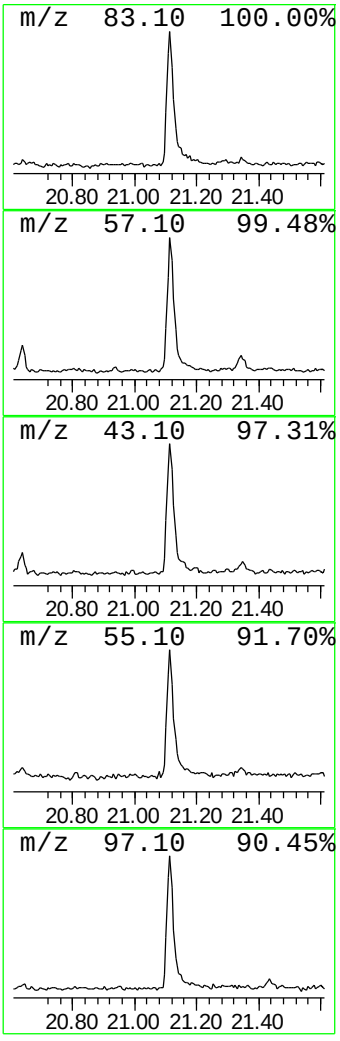
****

Peak Number 3 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.11	3.68 ng	266854	Chrysene-d12	21.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	95
3	Cyclohexadecane	224	C16H32	000295-65-8	95
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : C-7

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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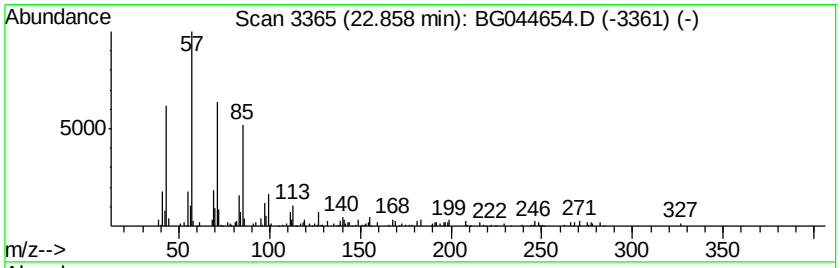
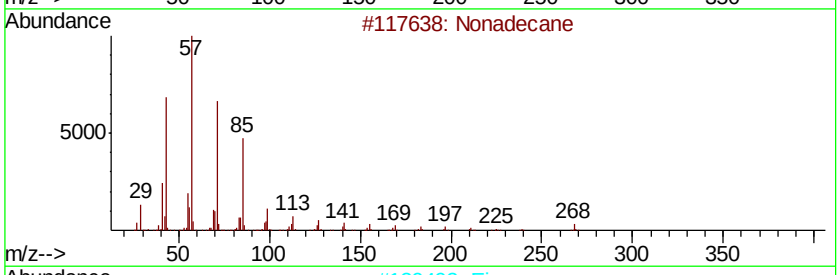
****

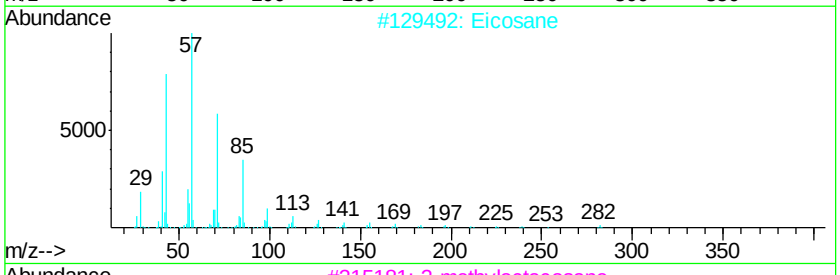
Peak Number 4 Nonadecane Concentration Rank 5

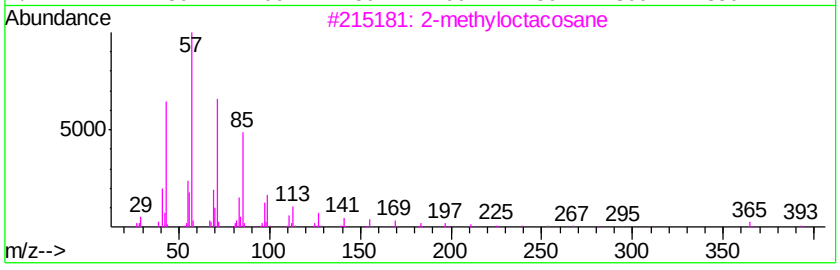
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	2.15 ng	155680	Chrysene-d12	21.44

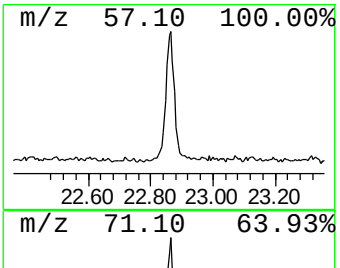
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Eicosane	282	C20H42	000112-95-8	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Heptadecane	240	C17H36	000629-78-7	86

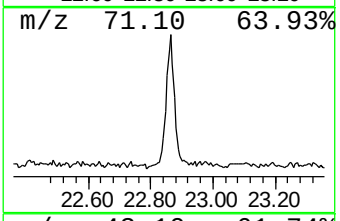


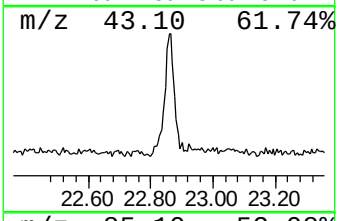


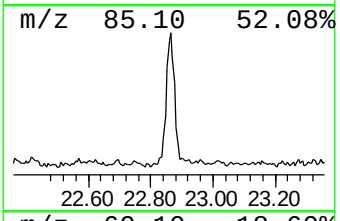


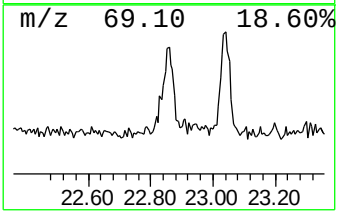












Library Search Compound Report

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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

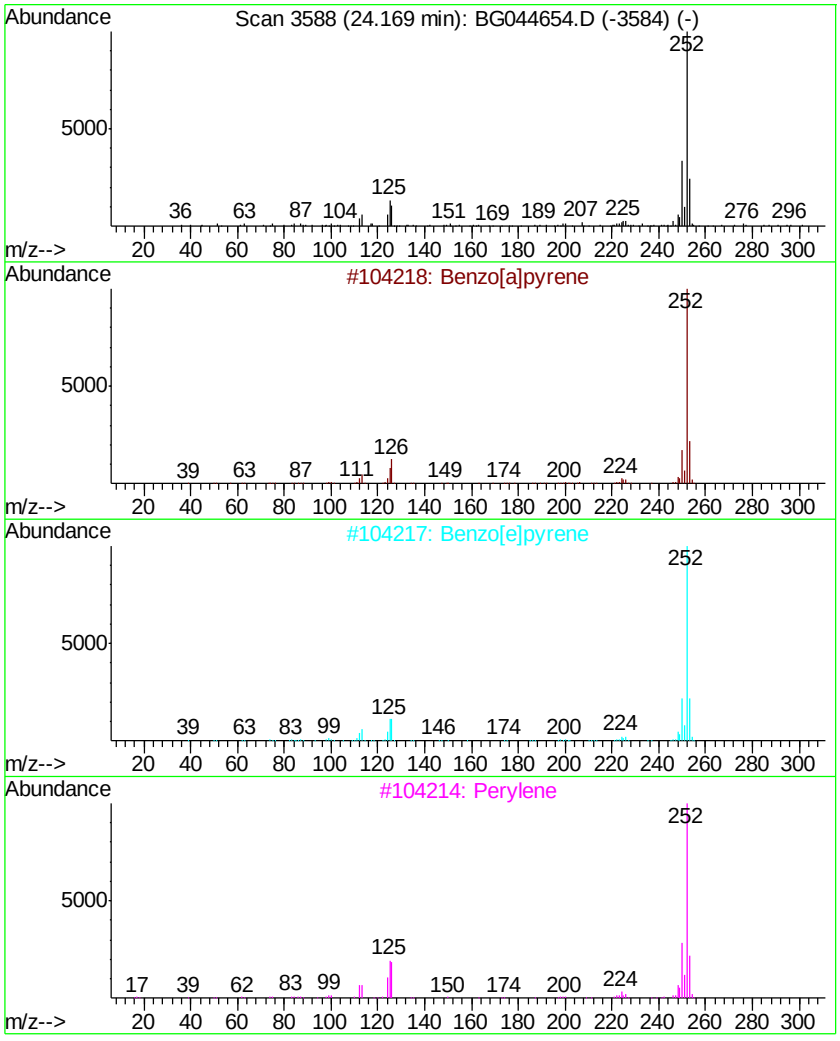
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

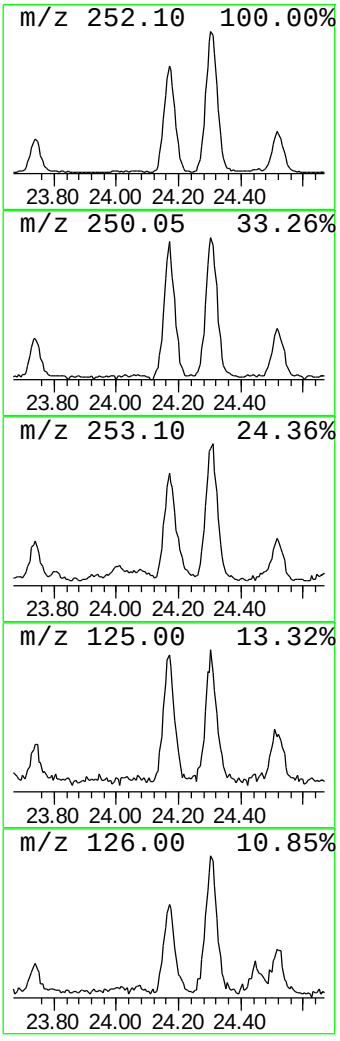
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.17	2.77 ng	204379	Perylene-d12	24.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	91
2	Benzo[e]pyrene	252	C20H12	000192-97-2	91
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.90	2.4	ng	47794	1	7.80	392948	20.0
5-Eicosene, (E)-	21.11	3.7	ng	266854	5	21.44	1449270	20.0
Nonadecane	22.86	2.1	ng	155680	5	21.44	1449270	20.0
Benzo[e]pyrene	24.17	2.8	ng	204379	6	24.45	1476610	20.0