LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023368.D
Acq On : 24 Oct 2019 07:31
Operator : JU
Sample : K5378-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0027

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM-EPA-BM102319MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.157	26	29	40	rVB	95282	145632	0.68%	0.091%
2	3.663	113	115	121	rVB2	44489	55701	0.26%	0.035%
3	3.793	134	137	144	rVB3	92846	145114	0.68%	0.091%
4	6.322	564	567	578	rVB9	18114	40985	0.19%	0.026%
5	6.810	644	650	667	rVB2	1717426	3085353	14.37%	1.935%
6	6.975	672	678	693	rVB	1369902	2201155	10.25%	1.381%
7	7.169	704	711	720	rBV	1743534	2781671	12.96%	1.745%
8	7.634	783	790	799	rBV	2248986	3566042	16.61%	2.237%
9	7.716	801	804	809	rVB4	13899	22448	0.10%	0.014%
10	8.345	902	911	925	rBV	1966367	3209835	14.95%	2.013%
11	8.781	978	985	998	rBV	1842045	2989595	13.93%	1.875%
12	8.963	1012	1016	1023	rBV7	19238	34540	0.16%	0.022%
13	9.257	1060	1066	1072	rVB2	38791	57359	0.27%	0.036%
14	9.504	1099	1108	1115	rBV	1470830	2430003	11.32%	1.524%
15	10.039	1186	1199	1212	rBV	2483337	4070482	18.96%	2.553%
16	10.416	1255	1263	1273	rBV	3405626	5673741	26.43%	3.559%
17	10.551	1278	1286	1302	rBV	1901422	3334339	15.53%	2.091%
18	12.010	1528	1534	1539	rBV	44434	71129	0.33%	0.045%
19	12.180	1555	1563	1568	rBV8	19089	39184	0.18%	0.025%
20	12.645	1636	1642	1648	rBV8	13383	23857	0.11%	0.015%
21	12.898	1678	1685	1691	rVB9	17620	31571	0.15%	0.020%
22	13.133	1720	1725	1729	rVB6	13741	22989	0.11%	0.014%
23	13.198	1732	1736	1741	rVB7	16875	26452	0.12%	0.017%
24	13.610	1801	1806	1811	rVV4	35443	54310	0.25%	0.034%
25	13.698	1815	1821	1826	rVV	4638465	6530634	30.42%	4.096%
26	13.745	1826	1829	1836	rVV	1818850	2379813	11.08%	1.493%
27	13.974	1860	1868	1878	rBV	5054774	7663950	35.70%	4.807%
28	14.216	1905	1909	1913	rBV5	17970	26844	0.13%	0.017%
29	14.280	1913	1920	1929	rBV	5577570	8207366	38.23%	5.148%
30	14.480	1948	1954	1973	rBV	1474772	2244683	10.46%	1.408%
31	14.633	1975	1980	1986	rVV2	71567	127596	0.59%	0.080%
32	14.710	1986	1993	2000	rVV	424596	648972	3.02%	0.407%
33	15.115	2056	2062	2066	rBV4	37183	56687	0.26%	0.036%
34	15.168	2066	2071	2077	rVB	44236	57752	0.27%	0.036%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023368.D
Acq On : 24 Oct 2019 07:31
Operator : JU
Sample : K5378-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0027

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM-EPA-BM102319MA.M
Title : SVOA CALIBRATION

35	15.280	2083	2090	2097	rVV	6595958	9539184	44.43%	5.983%
36	15.333	2097	2099	2104	rVV6	16038	21611	0.10%	0.014%
37	15.398	2104	2110	2122	rVV	1688957	2280404	10.62%	1.430%
38	15.515	2125	2130	2135	rVB	74325	112640	0.52%	0.071%
39	15.980	2203	2209	2213	rBV7	15388	27371	0.13%	0.017%
40	16.033	2214	2218	2220	rVV	29266	40253	0.19%	0.025%
41	16.062	2220	2223	2231	rVB8	32618	59268	0.28%	0.037%
42	16.457	2285	2290	2293	rBV6	15791	21840	0.10%	0.014%
43	16.586	2308	2312	2318	rBV2	45430	67173	0.31%	0.042%
44	16.709	2331	2333	2339	rVB7	23745	28343	0.13%	0.018%
45	16.821	2347	2352	2358	rVB3	55673	95239	0.44%	0.060%
46	17.027	2381	2387	2393	rVV2	6549411	9343279	43.52%	5.860%
47	17.127	2397	2404	2416	rVV	7000398	9777974	45.54%	6.133%
48	17.233	2418	2422	2427	rVB7	43096	68531	0.32%	0.043%
49	17.439	2455	2457	2461	rVB4	22435	28021	0.13%	0.018%
50	17.686	2495	2499	2502	rBV6	22906	29530	0.14%	0.019%
51	17.727	2502	2506	2511	rVB8	18957	29182	0.14%	0.018%
52	17.827	2520	2523	2527	rBV6	23007	26948	0.13%	0.017%
53	17.951	2539	2544	2551	rBV	306165	468557	2.18%	0.294%
54	18.256	2592	2596	2599	rVB3	49163	63590	0.30%	0.040%
55	18.392	2615	2619	2627	rBV9	37650	84984	0.40%	0.053%
56	18.827	2689	2693	2695	rBV5	33115	48505	0.23%	0.030%
57	18.892	2701	2704	2708	rVB	75006	84605	0.39%	0.053%
58	19.045	2726	2730	2735	rBV2	350846	529574	2.47%	0.332%
59	19.092	2735	2738	2744	rVB	73435	115841	0.54%	0.073%
60	19.233	2759	2762	2768	rBV5	51070	72177	0.34%	0.045%
61	19.309	2771	2775	2780	rVV	78765	112667	0.52%	0.071%
62	19.421	2788	2794	2801	rBV	7775159	11008690	51.28%	6.905%
63	19.474	2801	2803	2806	rVB	76446	73264	0.34%	0.046%
64	19.974	2885	2888	2891	rBV3	64179	87999	0.41%	0.055%
65	20.009	2891	2894	2899	rVB	172771	194370	0.91%	0.122%
66	20.509	2976	2979	2982	rVB	214821	223842	1.04%	0.140%
67	20.968	3052	3057	3063	rBV2	1610127	2340622	10.90%	1.468%
68	21.221	3095	3100	3109	rBV	6756030	8686147	40.46%	5.448%
69	21.409	3128	3132	3136	rBV	401028	496997	2.31%	0.312%
70	21.839	3201	3205	3215	rBV2	607237	1063953	4.96%	0.667%
71	22.297	3280	3283	3287	rVB	477971	588162	2.74%	0.369%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023368.D
Acq On : 24 Oct 2019 07:31
Operator : JU
Sample : K5378-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0027

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM-EPA-BM102319MA.M
Title : SVOA CALIBRATION

72	22.797	3364	3368	3372	rBV	742374	986692	4.60%	0.619%
73	23.280	3443	3450	3457	rBV	4312865	7924904	36.91%	4.971%
74	23.356	3460	3463	3467	rVV	518928	788302	3.67%	0.494%
75	23.415	3467	3473	3482	rVB	4104881	7274466	33.88%	4.563%
76	23.997	3569	3572	3580	rVB2	569737	994756	4.63%	0.624%
77	27.691	4190	4200	4232	rVB2	5484815	21469133	100.00%	13.466%

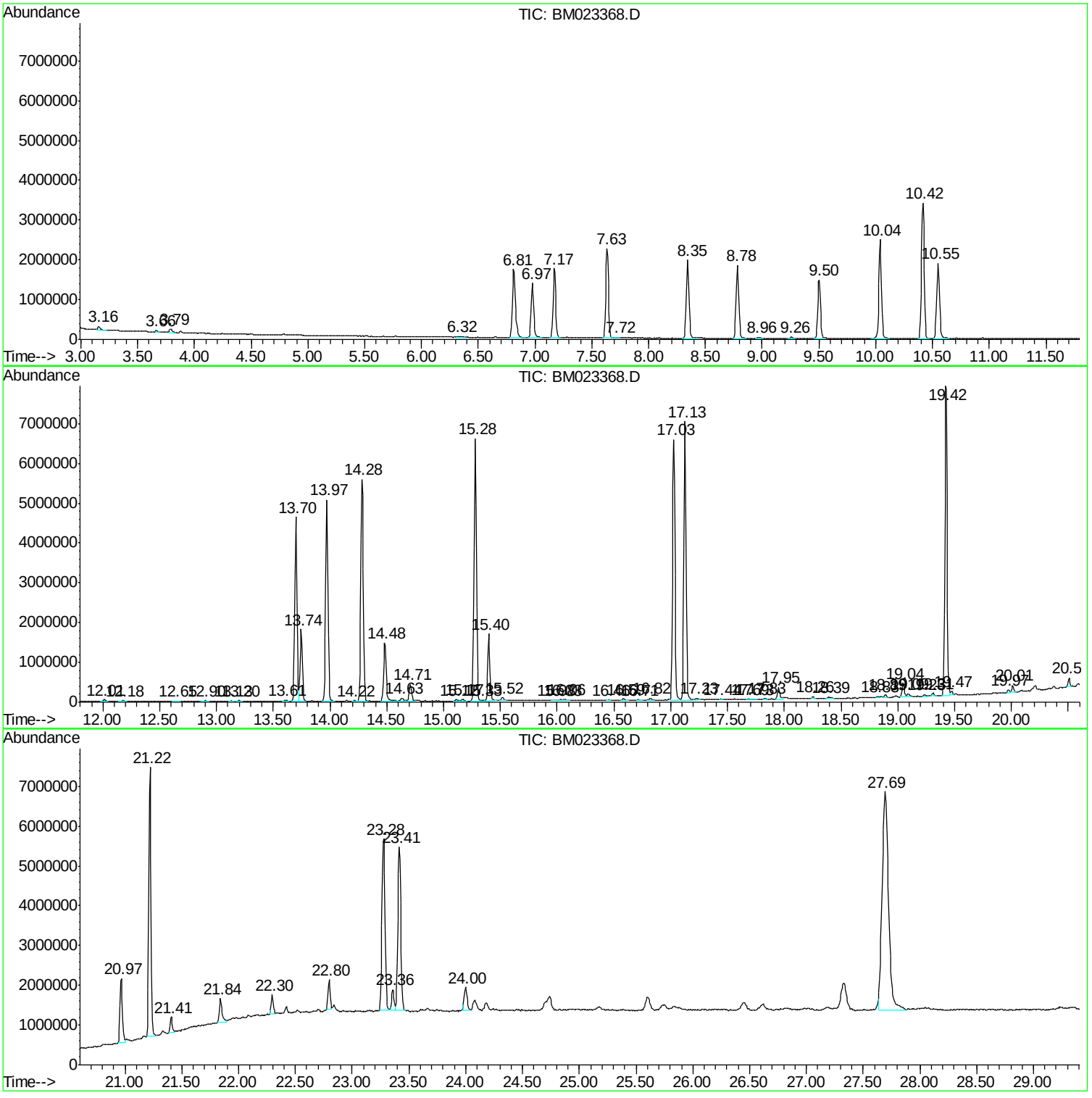
Sum of corrected areas: 159437374

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023368.D
Acq On : 24 Oct 2019 07:31
Operator : JU
Sample : K5378-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0027

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023368.D
Acq On : 24 Oct 2019 07:31
Operator : JU
Sample : K5378-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0027

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

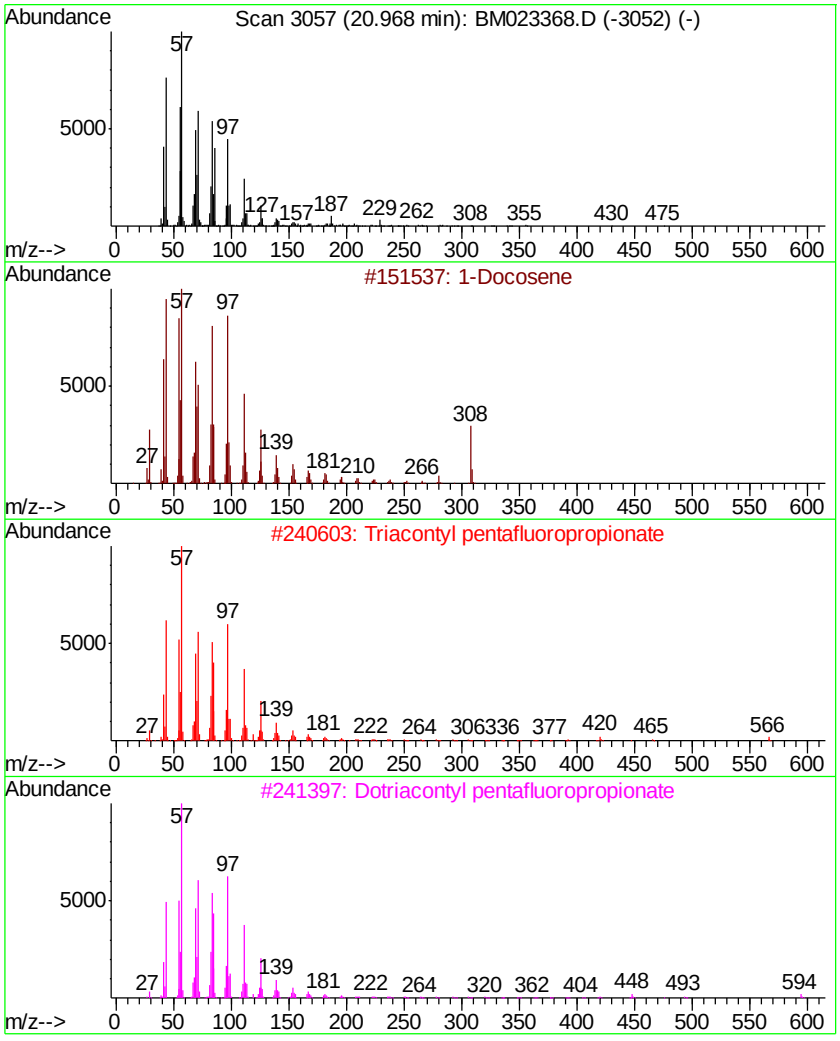
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

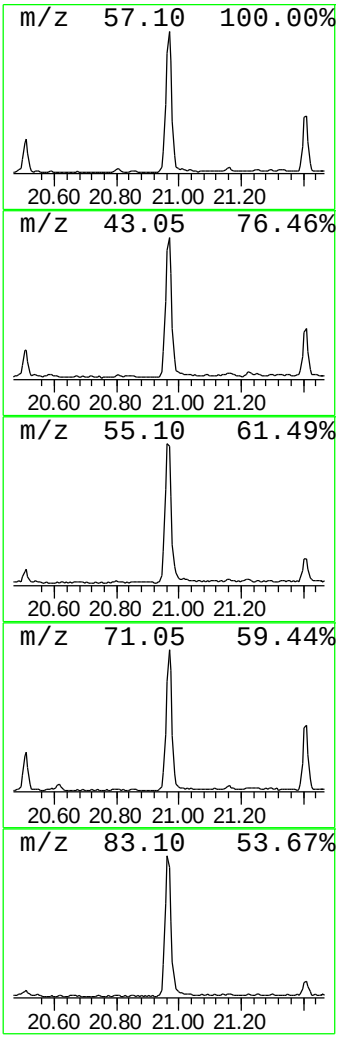
****

Peak Number 1 (DEL) Alkane: Cyclic20.97 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	5.39 ng/ul	2340620	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	91
3	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	91
4	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	91
5	Triacontyl trifluoroacetate	534	C32H61F3O2	1000351-75-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023368.D
Acq On : 24 Oct 2019 07:31
Operator : JU
Sample : K5378-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0027

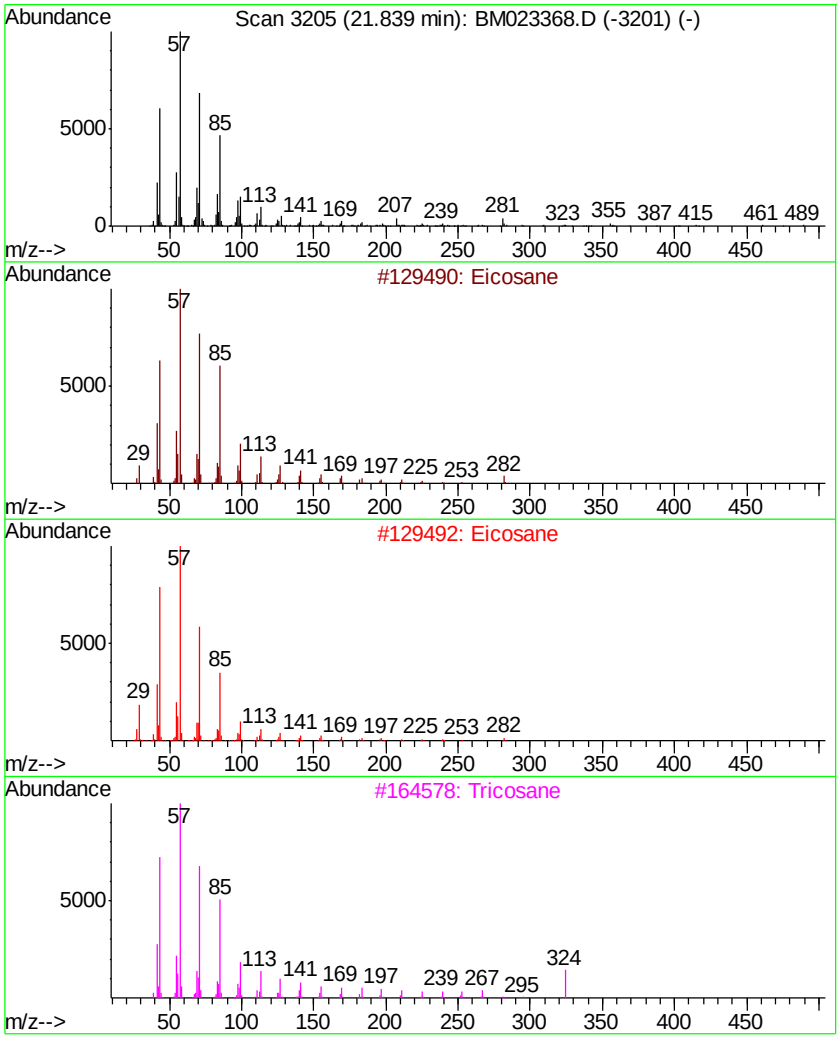
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

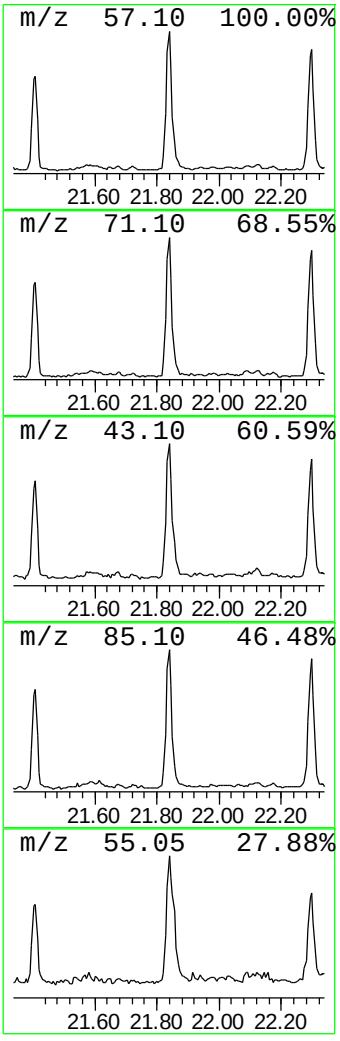
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	2.45 ng/ul	1063950	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Eicosane	282	C20H42	000112-95-8	92
3	Tricosane	324	C23H48	000638-67-5	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023368.D
Acq On : 24 Oct 2019 07:31
Operator : JU
Sample : K5378-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0027

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

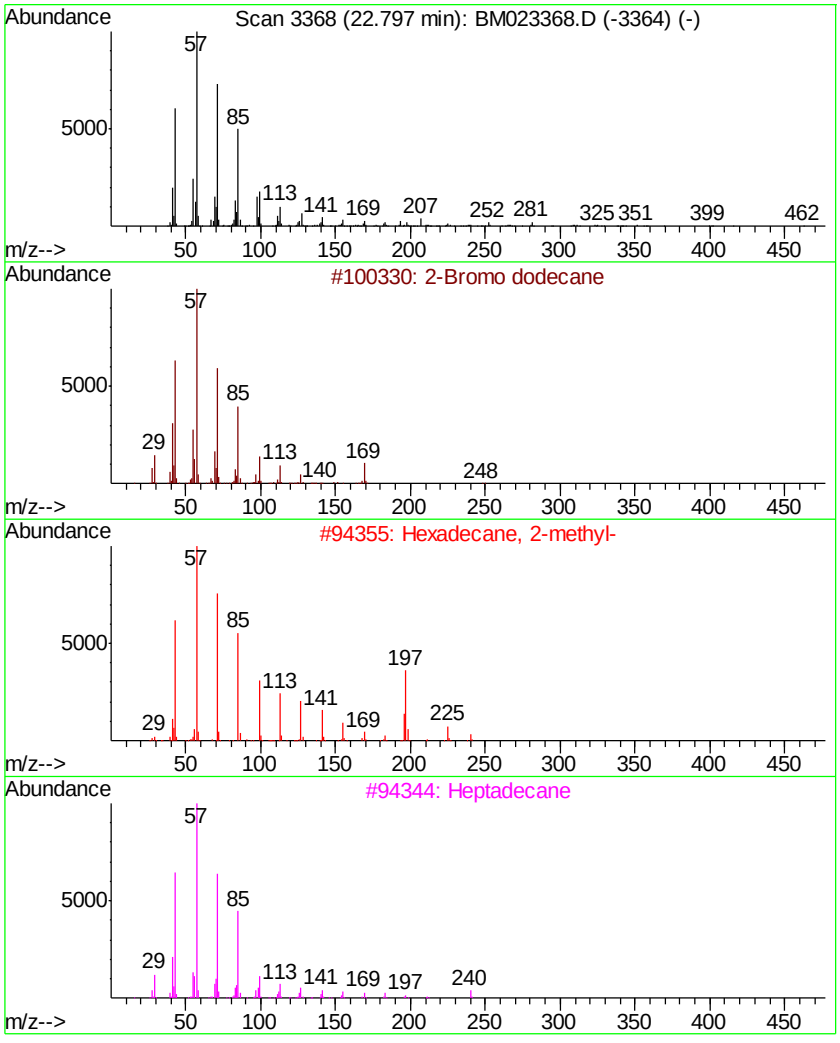
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

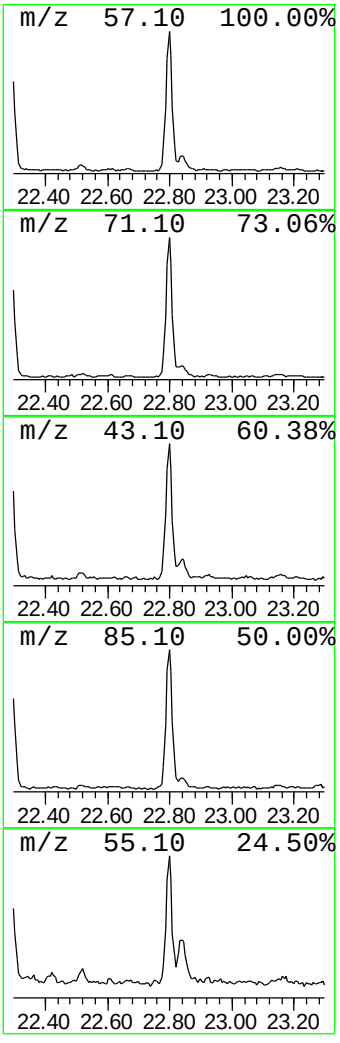
****

Peak Number 3 2-Bromo dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	2.71 ng/ul	986692	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Tetratetracontane	619	C44H90	007098-22-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023368.D
Acq On : 24 Oct 2019 07:31
Operator : JU
Sample : K5378-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0027

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

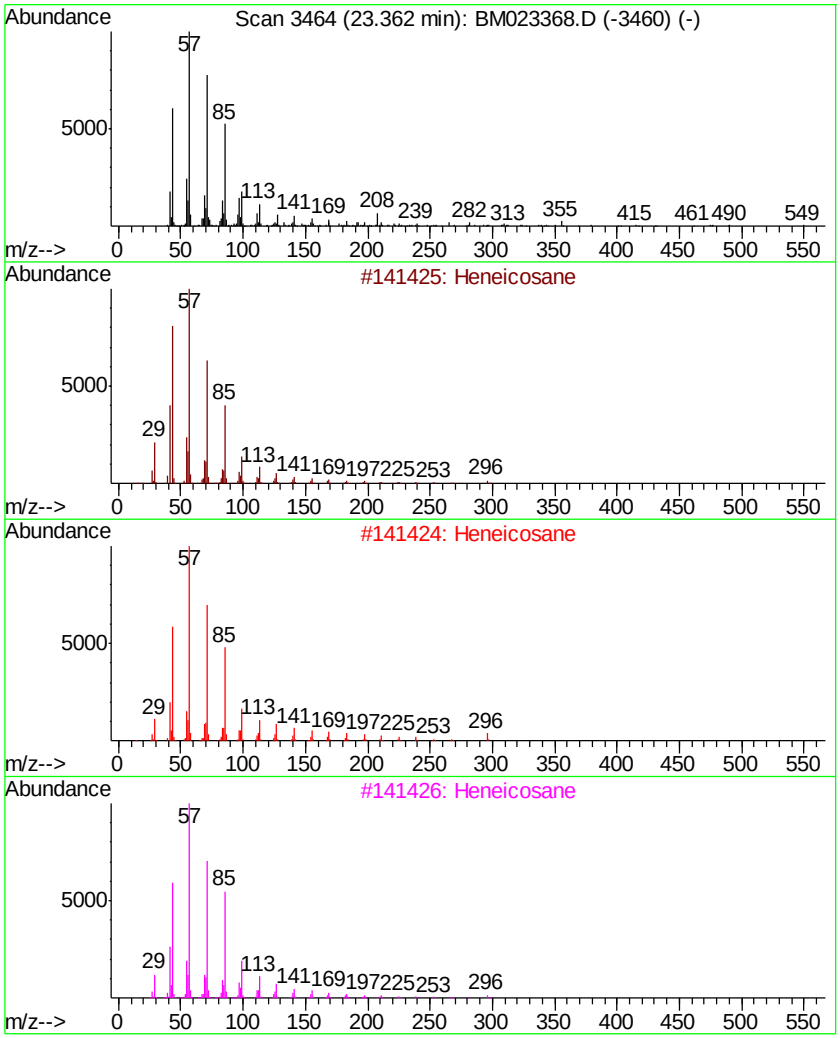
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

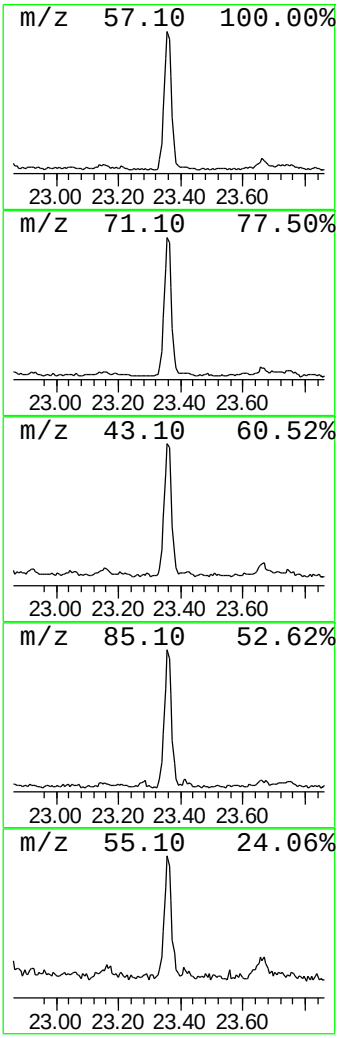
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.36	2.17 ng/ul	788302	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heneicosane	296	C21H44	000629-94-7	97
3	Heneicosane	296	C21H44	000629-94-7	96
4	Eicosane	282	C20H42	000112-95-8	94
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023368.D
Acq On : 24 Oct 2019 07:31
Operator : JU
Sample : K5378-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0027

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

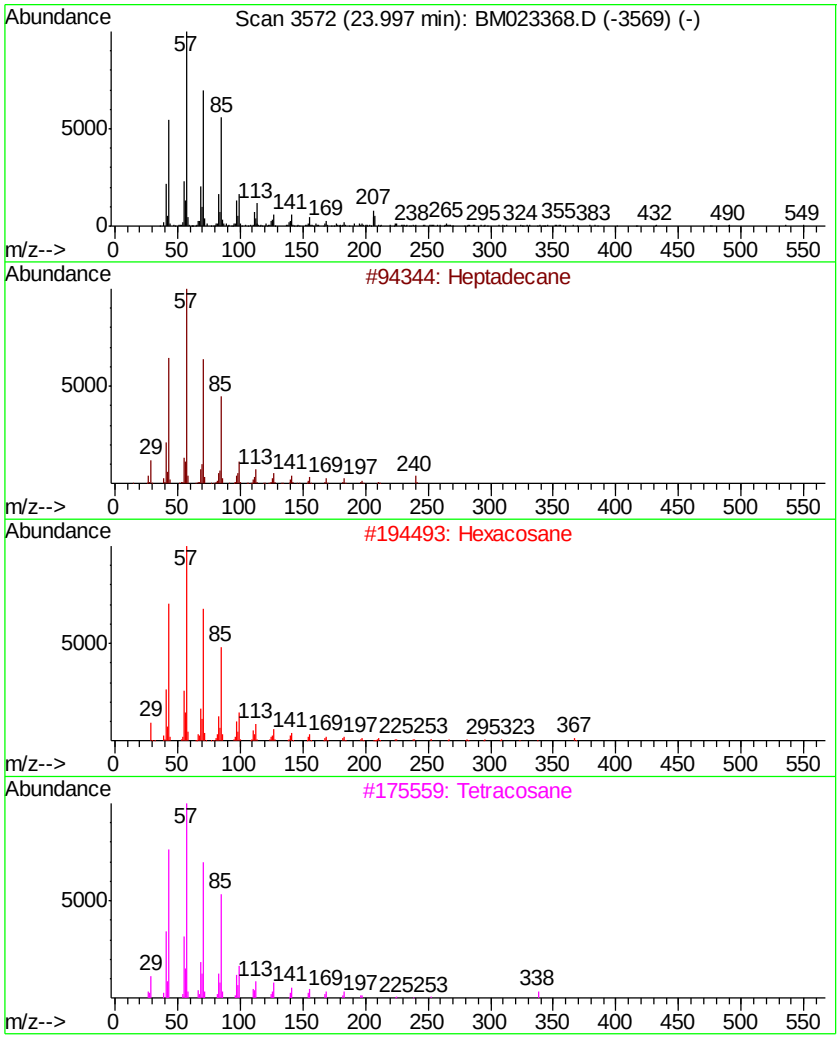
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

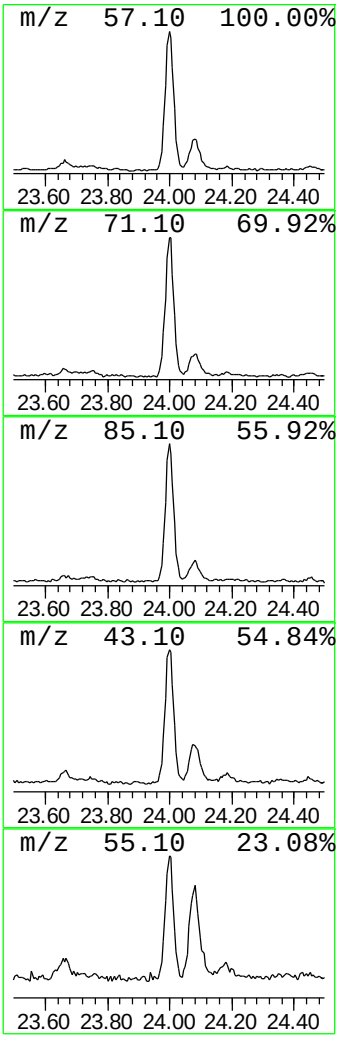
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	2.73 ng/ul	994756	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Hexacosane	366	C26H54	000630-01-3	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023368.D
Acq On : 24 Oct 2019 07:31
Operator : JU
Sample : K5378-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0027

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

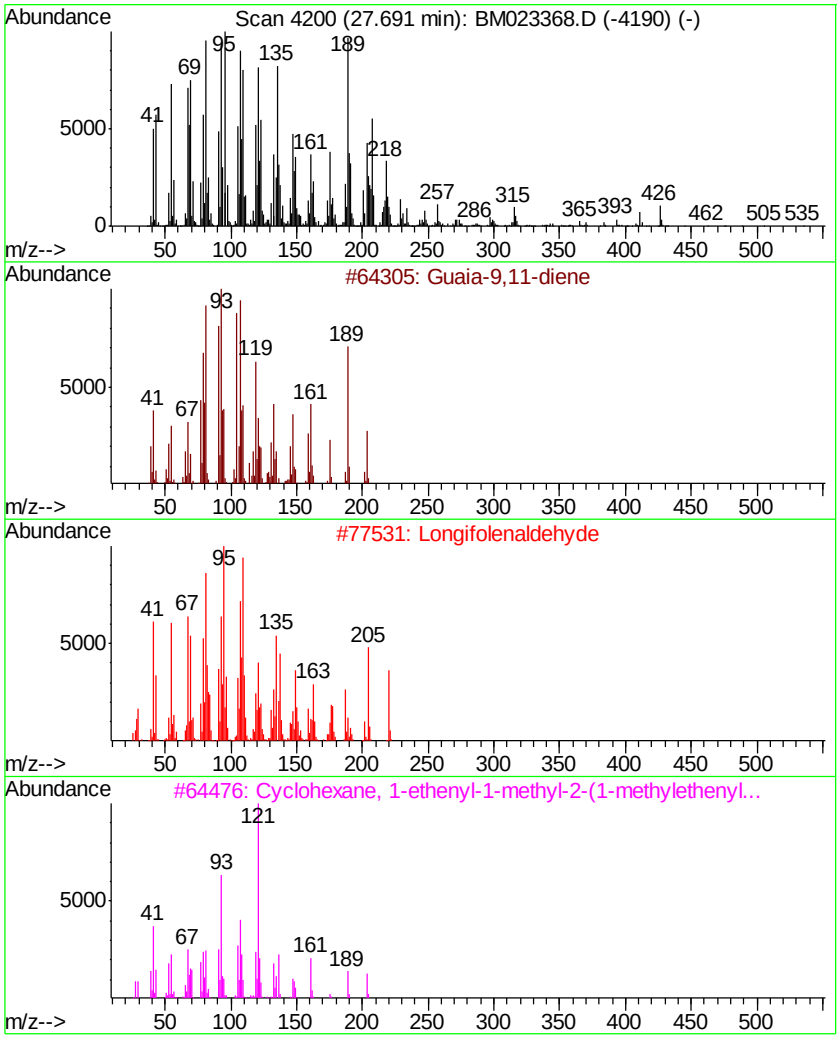
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

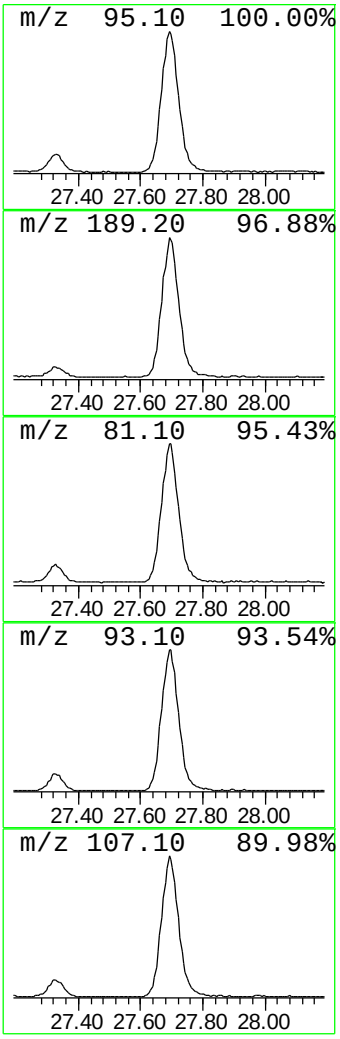
****

Peak Number 6 Guaia-9,11-diene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.69	59.03 ng/ul	21469100	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guaia-9,11-diene	204	C15H24	1000374-19-8	53
2	Longifolenaldehyde	220	C15H24O	019890-84-7	46
3	Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	003242-08-8	42
4	1-Cycloheptene, 1,4-dimethyl-3-(...	204	C15H24	1000159-38-6	38
5	1-Formyl-2,2,6-trimethyl-3-cis-(...	220	C15H24O	1000144-10-1	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102319\
Data File : BM023368.D
Acq On : 24 Oct 2019 07:31
Operator : JU
Sample : K5378-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0027

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA 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
(DEL) Alkane: Cyc...	20.97	5.4	ng/ul	2340620	5	21.22	8686150	20.0
(DEL) Alkane: Str...	21.84	2.5	ng/ul	1063950	5	21.22	8686150	20.0
2-Bromo dodecane	22.80	2.7	ng/ul	986692	6	23.41	7274470	20.0
(DEL) Alkane: Str...	23.36	2.2	ng/ul	788302	6	23.41	7274470	20.0
(DEL) Alkane: Str...	24.00	2.7	ng/ul	994756	6	23.41	7274470	20.0
Guaia-9,11-diene	27.69	59.0	ng/ul	21469100	6	23.41	7274470	20.0