

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
 Data File : BM024251.D
 Acq On : 24 Dec 2019 12:55
 Operator : JU
 Sample : K6236-23
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFEY8

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 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-BM121719MA.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	2.999	16	19	24	rVB	33657	45085	1.08%	0.078%
2	3.399	85	87	92	rVB4	13402	18109	0.44%	0.031%
3	3.493	100	103	112	rVB	53222	78274	1.88%	0.135%
4	3.605	119	122	130	rVB	34759	59919	1.44%	0.104%
5	3.687	133	136	143	rVB3	12389	18757	0.45%	0.032%
6	4.122	208	210	214	rVB5	8055	11901	0.29%	0.021%
7	4.552	280	283	284	rBV3	3861	4405	0.11%	0.008%
8	4.593	286	290	297	rBV	56924	86799	2.09%	0.150%
9	5.287	406	408	411	rBV4	4027	4573	0.11%	0.008%
10	5.846	500	503	506	rBV3	4682	6059	0.15%	0.010%
11	6.628	630	636	653	rVV2	644626	1267770	30.51%	2.192%
12	6.781	657	662	682	rVB	564235	976588	23.50%	1.689%
13	6.969	687	694	705	rBV	720091	1211327	29.15%	2.095%
14	7.428	765	772	783	rBV	1080441	1718556	41.36%	2.972%
15	7.516	783	787	791	rVB5	5328	9987	0.24%	0.017%
16	8.151	889	895	910	rBV	506575	953456	22.94%	1.649%
17	8.269	912	915	924	rVB2	23060	42721	1.03%	0.074%
18	8.581	962	968	980	rBV	646997	1154914	27.79%	1.997%
19	8.763	995	999	1004	rBV7	7820	13707	0.33%	0.024%
20	9.016	1038	1042	1046	rVB	33020	45622	1.10%	0.079%
21	9.145	1060	1064	1067	rBV4	2457	4651	0.11%	0.008%
22	9.298	1083	1090	1110	rBV	535737	964464	23.21%	1.668%
23	9.840	1176	1182	1198	rBV	759141	1455792	35.03%	2.517%
24	10.192	1235	1242	1254	rBV	1525017	2556849	61.53%	4.421%
25	10.275	1254	1256	1263	rVB5	8402	11392	0.27%	0.020%
26	10.357	1263	1270	1285	rBV	475500	1074197	25.85%	1.857%
27	10.710	1327	1330	1334	rBV5	3026	6332	0.15%	0.011%
28	10.739	1334	1335	1341	rVB6	5521	7698	0.19%	0.013%
29	11.098	1391	1396	1400	rVB6	3064	4826	0.12%	0.008%
30	11.451	1452	1456	1458	rBV3	4013	4738	0.11%	0.008%
31	11.504	1460	1465	1470	rVV5	5566	7240	0.17%	0.013%
32	11.763	1501	1509	1515	rBV	61302	126712	3.05%	0.219%
33	12.433	1618	1623	1631	rBV7	8349	17872	0.43%	0.031%
34	12.563	1641	1645	1649	rVB6	4014	6497	0.16%	0.011%

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Integration Parameters: LSCINT.P

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 Title : SVOA CALIBRATION

35	12.698	1664	1668	1675	rBV5	11997	20686	0.50%	0.036%
36	12.933	1702	1708	1714	rBV8	4780	12041	0.29%	0.021%
37	13.010	1717	1721	1723	rVB5	4120	5171	0.12%	0.009%
38	13.516	1801	1807	1812	rBV	1679058	2377250	57.21%	4.111%
39	13.563	1812	1815	1825	rVV	280252	442363	10.65%	0.765%
40	13.639	1825	1828	1832	rVB4	5898	7922	0.19%	0.014%
41	13.780	1845	1852	1866	rBV	1934305	2782294	66.96%	4.811%
42	14.016	1888	1892	1897	rVB7	7186	11230	0.27%	0.019%
43	14.092	1897	1905	1918	rBV	2423113	3491989	84.03%	6.038%
44	14.351	1944	1949	1968	rBV	231735	666879	16.05%	1.153%
45	14.551	1980	1983	1991	rVB7	29354	54711	1.32%	0.095%
46	14.639	1996	1998	2004	rVB6	4997	7037	0.17%	0.012%
47	14.780	2019	2022	2026	rVB5	3523	6125	0.15%	0.011%
48	14.869	2032	2037	2043	rBV	174203	239636	5.77%	0.414%
49	14.945	2043	2050	2054	rVV2	29356	53780	1.29%	0.093%
50	14.980	2054	2056	2062	rVB4	7977	10618	0.26%	0.018%
51	15.098	2069	2076	2085	rBV	2410733	3528449	84.91%	6.101%
52	15.174	2085	2089	2094	rVB	40353	53943	1.30%	0.093%
53	15.245	2096	2101	2112	rVV	468431	790470	19.02%	1.367%
54	15.339	2112	2117	2124	rVB4	27753	51459	1.24%	0.089%
55	15.492	2138	2143	2147	rVB5	6184	11122	0.27%	0.019%
56	15.539	2147	2151	2156	rVB4	15149	21376	0.51%	0.037%
57	15.616	2161	2164	2168	rVB6	3507	5478	0.13%	0.009%
58	15.792	2189	2194	2195	rBV5	5208	8028	0.19%	0.014%
59	15.845	2196	2203	2206	rVV4	14826	26215	0.63%	0.045%
60	15.880	2206	2209	2213	rVB4	8915	14672	0.35%	0.025%
61	16.010	2228	2231	2237	rVB5	8840	15163	0.36%	0.026%
62	16.204	2263	2264	2270	rVB4	5611	5453	0.13%	0.009%
63	16.263	2270	2274	2275	rBV4	4211	4849	0.12%	0.008%
64	16.298	2277	2280	2284	rBV5	5278	10443	0.25%	0.018%
65	16.410	2295	2299	2306	rVB2	56242	82438	1.98%	0.143%
66	16.639	2335	2338	2343	rBV2	16362	22458	0.54%	0.039%
67	16.851	2368	2374	2384	rVV	2734212	3856466	92.80%	6.668%
68	16.951	2384	2391	2405	rVV2	2379568	3543115	85.26%	6.127%
69	17.074	2407	2412	2416	rVV6	18929	39093	0.94%	0.068%
70	17.110	2416	2418	2420	rVV3	6565	6356	0.15%	0.011%
71	17.157	2424	2426	2433	rVB6	8114	13643	0.33%	0.024%

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72	17.268	2440	2445	2454	rVB6	25411	43805	1.05%	0.076%
73	17.380	2459	2464	2469	rBV8	7046	11242	0.27%	0.019%
74	17.533	2487	2490	2491	rBV2	6205	7255	0.17%	0.013%
75	17.557	2491	2494	2496	rVB3	7155	10277	0.25%	0.018%
76	17.657	2507	2511	2515	rBV8	6332	8075	0.19%	0.014%
77	17.715	2517	2521	2526	rBV6	17186	26117	0.63%	0.045%
78	17.774	2526	2531	2539	rBV	213662	355894	8.56%	0.615%
79	18.074	2578	2582	2585	rBV4	10703	13514	0.33%	0.023%
80	18.210	2601	2605	2609	rVB4	28715	34284	0.83%	0.059%
81	18.445	2643	2645	2646	rBV2	6434	4507	0.11%	0.008%
82	18.715	2688	2691	2694	rVB4	18080	22943	0.55%	0.040%
83	18.892	2718	2721	2725	rBV3	23421	30405	0.73%	0.053%
84	18.951	2729	2731	2736	rVB5	19381	22403	0.54%	0.039%
85	19.074	2748	2752	2758	rBV4	55600	90730	2.18%	0.157%
86	19.145	2761	2764	2770	rVB4	28777	40772	0.98%	0.071%
87	19.257	2777	2783	2789	rBV	3094478	4155454	100.00%	7.185%
88	19.339	2795	2797	2802	rVB6	28108	29695	0.71%	0.051%
89	19.845	2880	2883	2886	rVB2	43620	48809	1.17%	0.084%
90	20.345	2964	2968	2971	rBV	97683	109268	2.63%	0.189%
91	20.804	3042	3046	3054	rBV	875034	1300590	31.30%	2.249%
92	21.062	3086	3090	3101	rBV	2850370	3834421	92.27%	6.630%
93	21.245	3118	3121	3125	rBV	280543	296715	7.14%	0.513%
94	21.668	3189	3193	3202	rBV	379848	551003	13.26%	0.953%
95	22.103	3264	3267	3272	rVB	507395	595916	14.34%	1.030%
96	22.580	3344	3348	3353	rBV	576856	720783	17.35%	1.246%
97	23.056	3424	3429	3435	rBV	2099230	3767341	90.66%	6.514%
98	23.109	3435	3438	3445	rVB	535475	821119	19.76%	1.420%
99	23.192	3446	3452	3463	rVB	2153209	3896417	93.77%	6.738%
100	23.709	3536	3540	3547	rVB	402039	703643	16.93%	1.217%

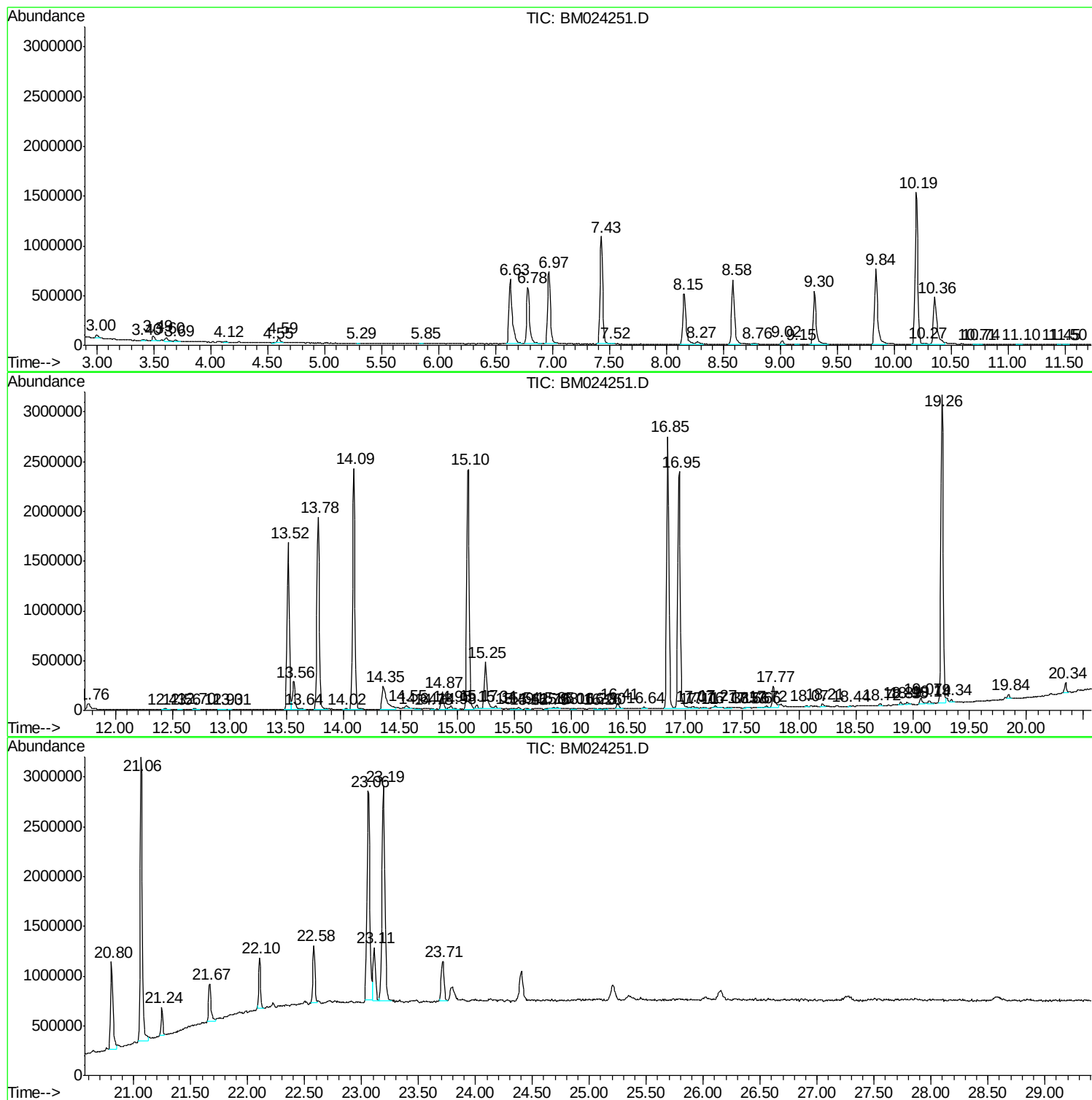
Sum of corrected areas: 57831607

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BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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



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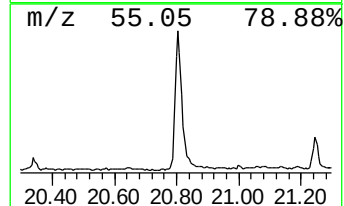
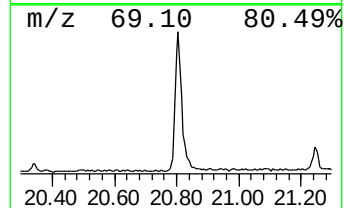
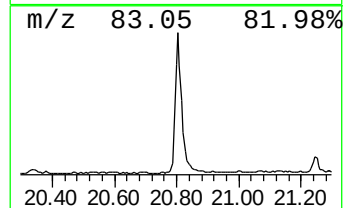
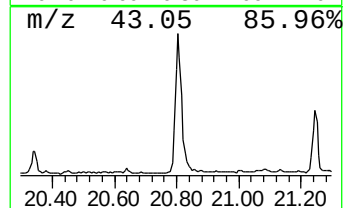
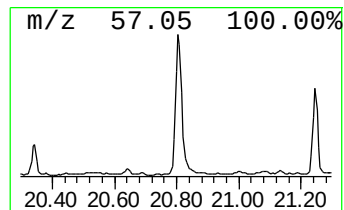
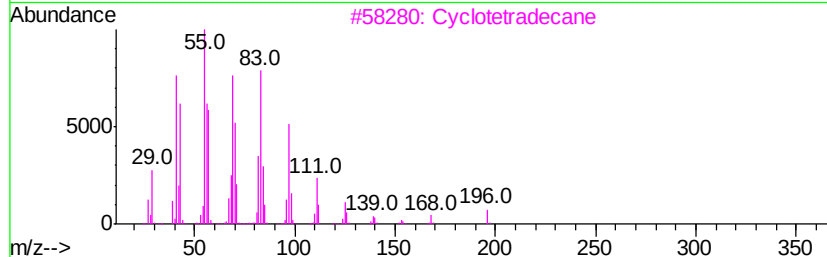
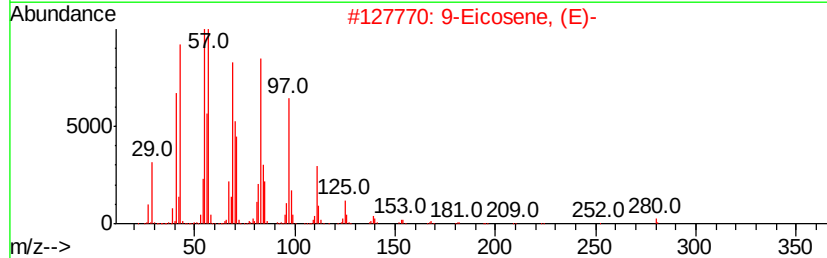
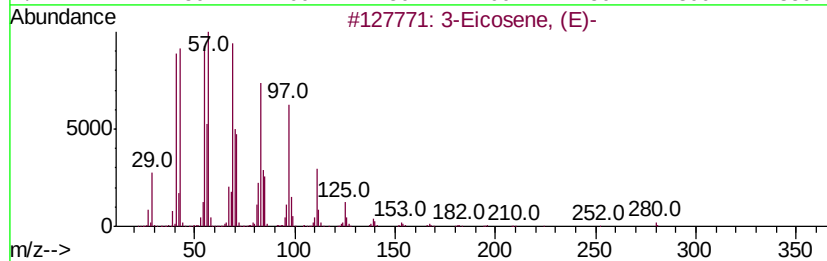
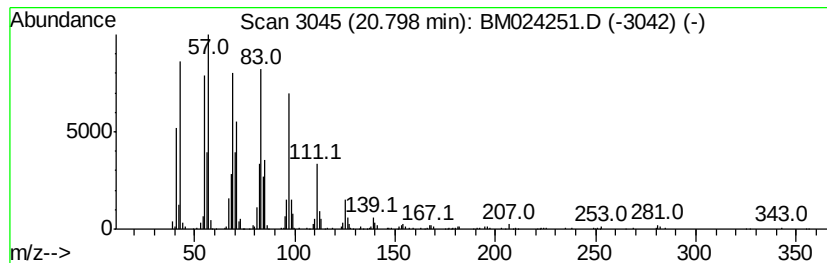
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic20.80 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	6.78 ng/ul	1300590	Chrysene-d12	21.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2			9-Eicosene, (E)-	280	C20H40	074685-29-3	93
3			Cyclotetradecane	196	C14H28	000295-17-0	93
4			Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87



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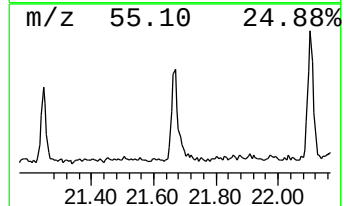
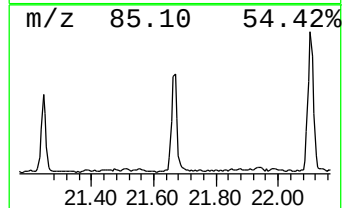
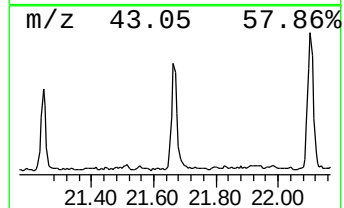
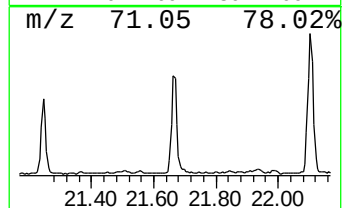
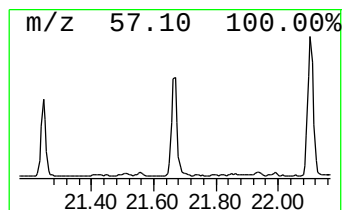
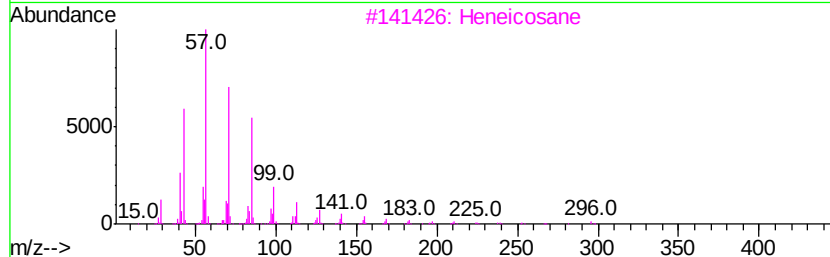
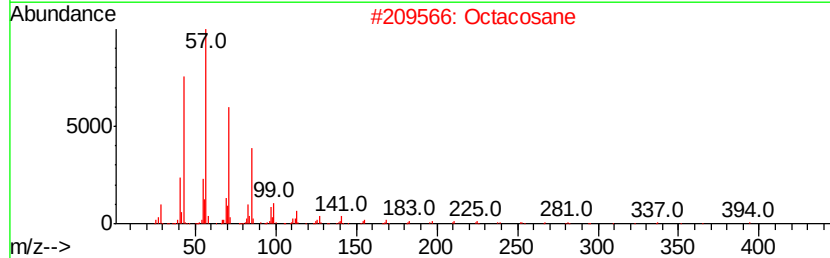
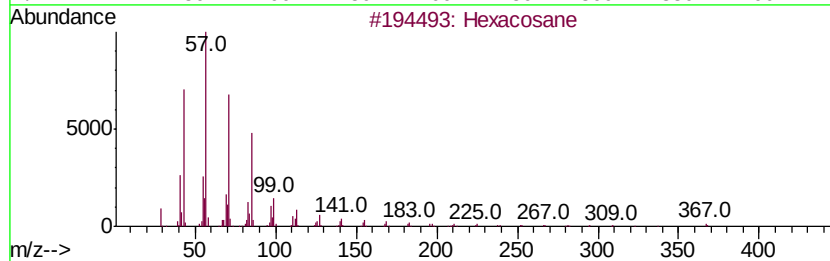
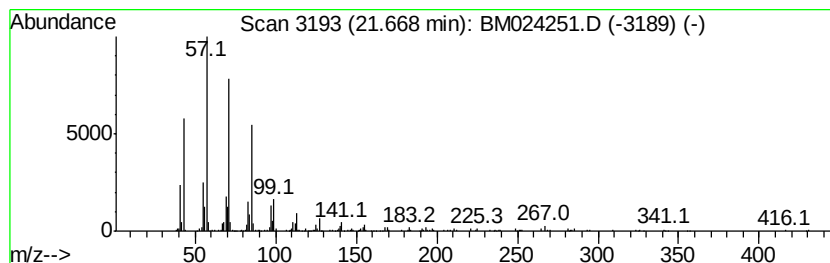
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.67	2.87 ng/ul	551003	Chrysene-d12	21.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	94
2			Octacosane	394	C28H58	000630-02-4	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5			Heneicosane	296	C21H44	000629-94-7	91



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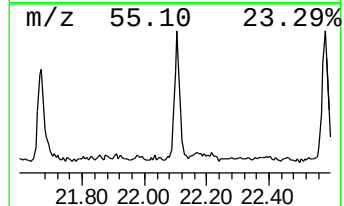
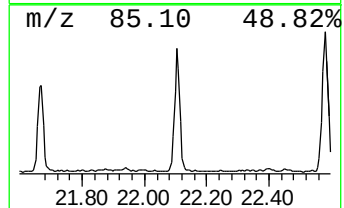
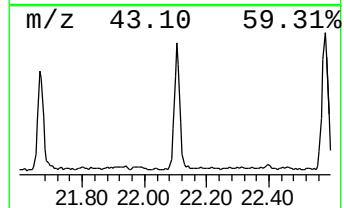
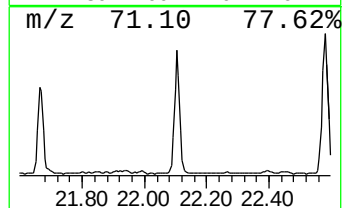
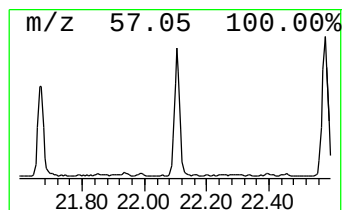
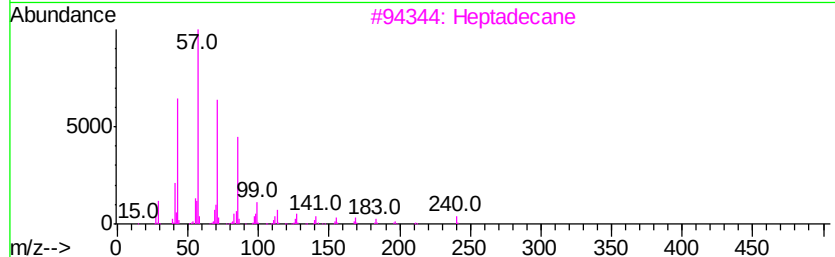
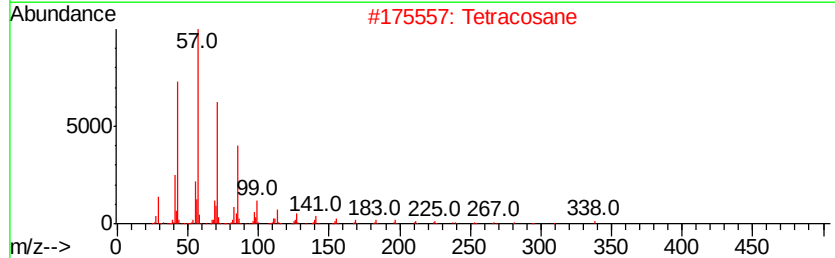
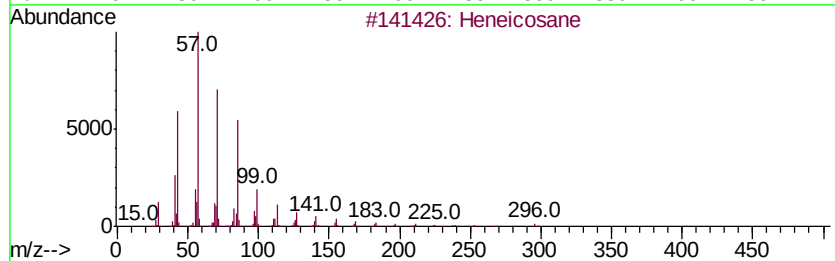
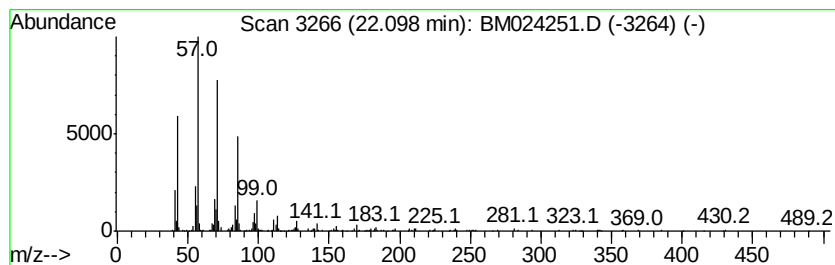
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.10	3.11 ng/ul	595916	Chrysene-d12	21.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Tetracosane	338	C24H50	000646-31-1	86
3		Heptadecane	240	C17H36	000629-78-7	86
4		Docosane	310	C22H46	000629-97-0	86
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024251.D
Acq On : 24 Dec 2019 12:55
Operator : JU
Sample : K6236-23
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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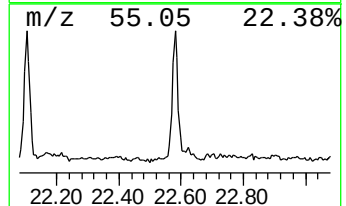
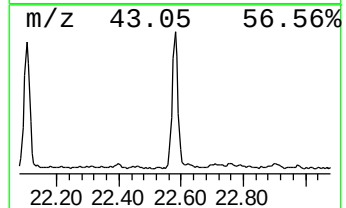
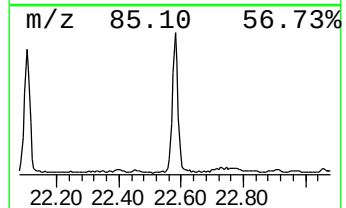
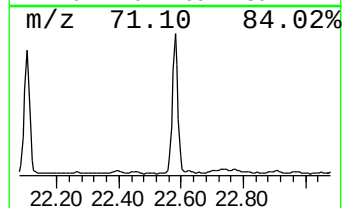
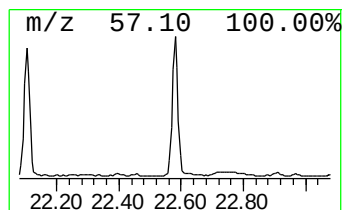
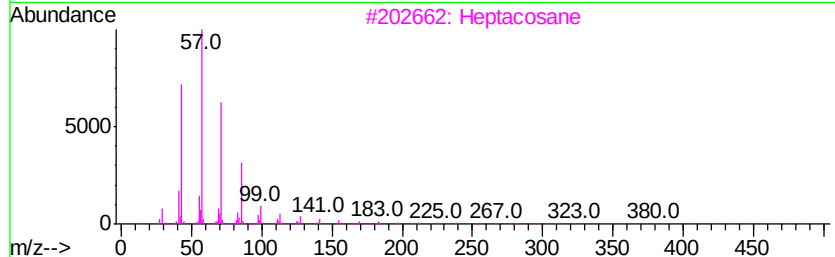
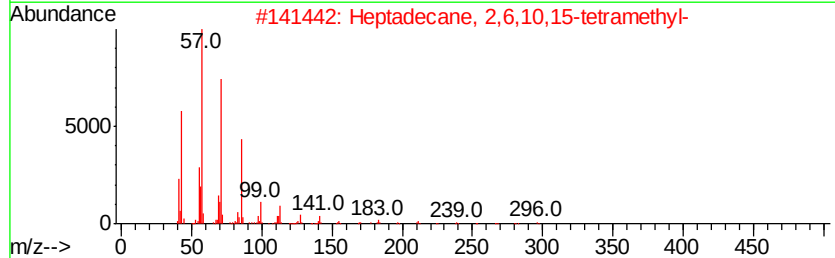
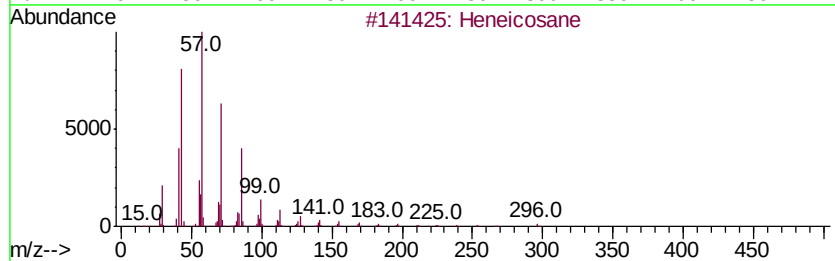
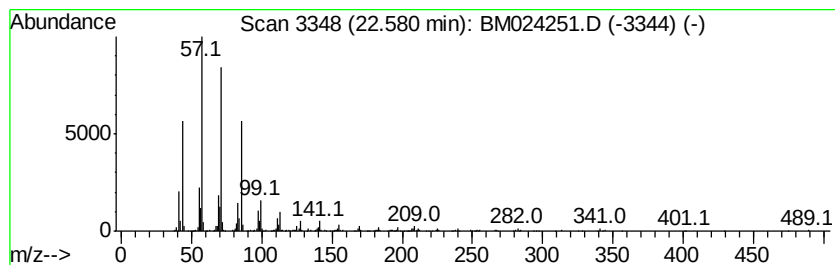
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	3.70 ng/ul	720783	Perylene-d12	23.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3		Heptacosane	380	C27H56	000593-49-7	81
4		Hexadecane	226	C16H34	000544-76-3	80
5		Tetracosane	338	C24H50	000646-31-1	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024251.D
Acq On : 24 Dec 2019 12:55
Operator : JU
Sample : K6236-23
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFEY8

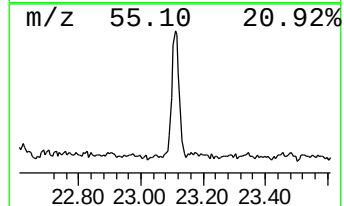
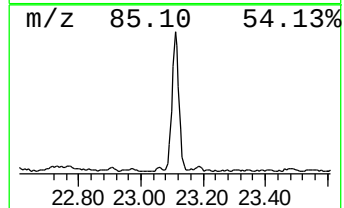
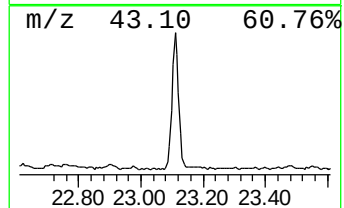
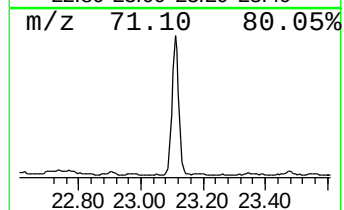
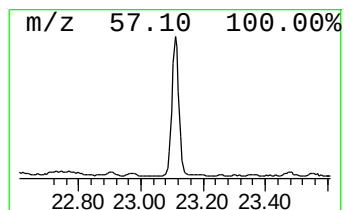
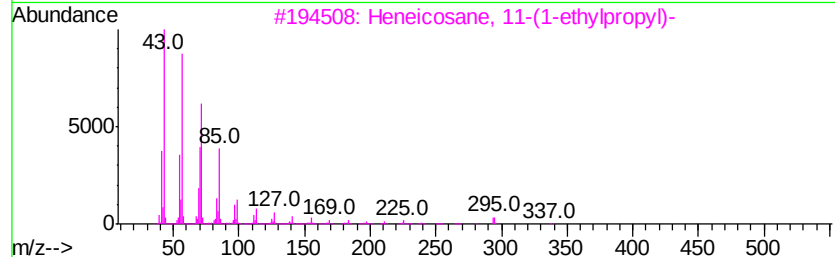
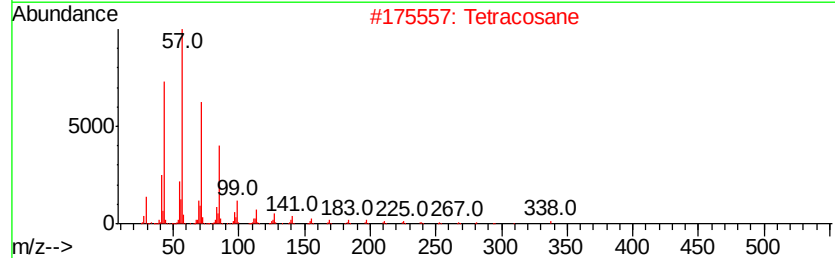
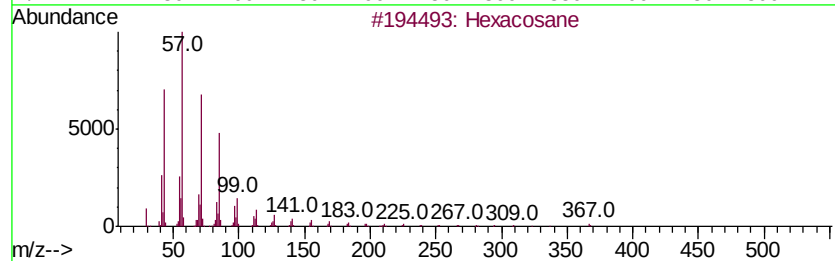
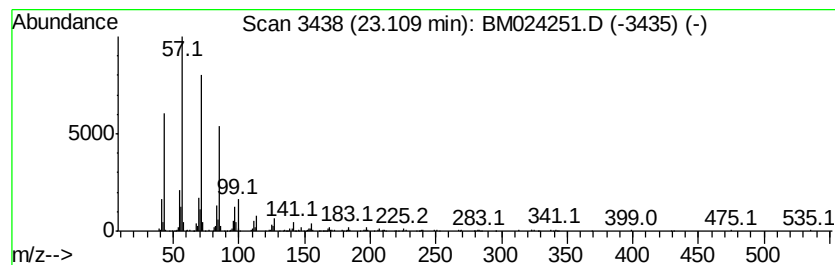
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	4.21 ng/ul	821119	Perylene-d12	23.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024251.D
Acq On : 24 Dec 2019 12:55
Operator : JU
Sample : K6236-23
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFEY8

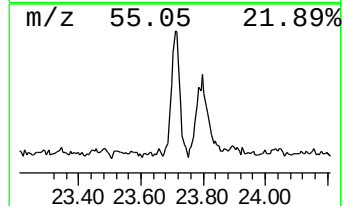
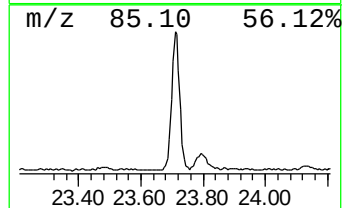
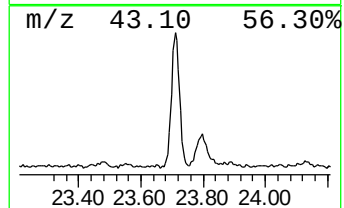
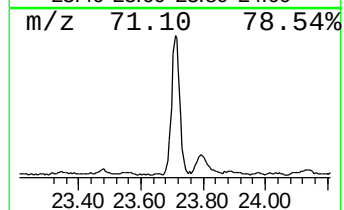
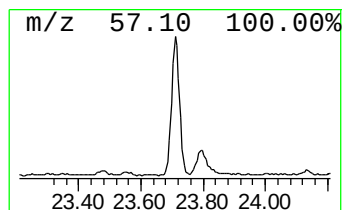
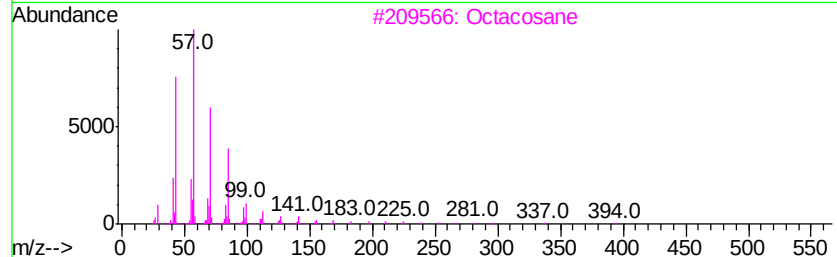
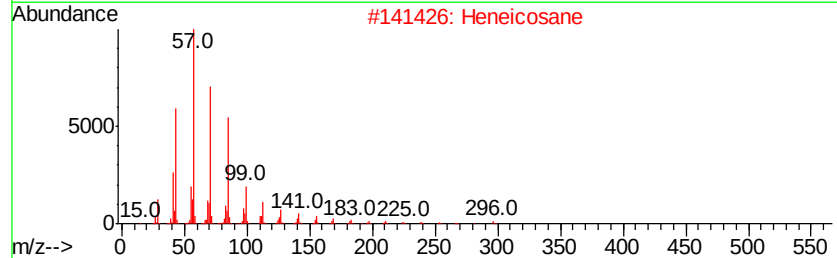
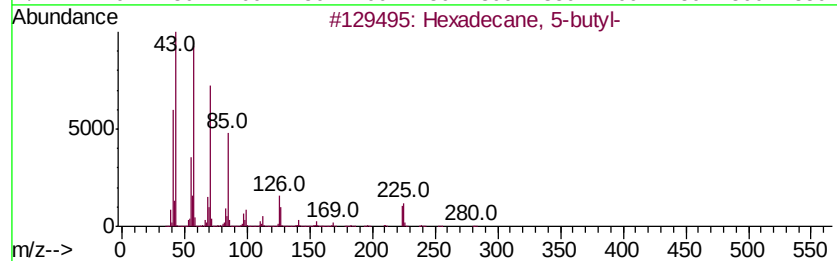
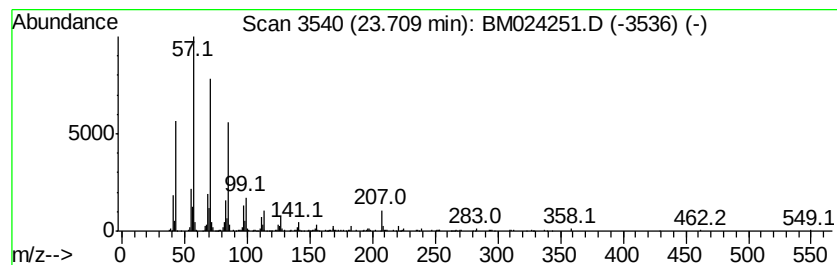
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.71	3.61 ng/ul	703643	Perylene-d12	23.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 5-butyl-	282	C20H42	006912-07-8	90
2			Heneicosane	296	C21H44	000629-94-7	90
3			Octacosane	394	C28H58	000630-02-4	87
4			Heneicosane	296	C21H44	000629-94-7	87
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122319\
Data File : BM024251.D
Acq On : 24 Dec 2019 12:55
Operator : JU
Sample : K6236-23
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFEY8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.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...	20.80	6.8	ng/ul	1300590	5	21.06	3834420	20.0
(DEL) Alkane: Str...	21.67	2.9	ng/ul	551003	5	21.06	3834420	20.0
(DEL) Alkane: Str...	22.10	3.1	ng/ul	595916	5	21.06	3834420	20.0
(DEL) Alkane: Str...	22.58	3.7	ng/ul	720783	6	23.19	3896420	20.0
(DEL) Alkane: Str...	23.11	4.2	ng/ul	821119	6	23.19	3896420	20.0
(DEL) Alkane: Str...	23.71	3.6	ng/ul	703643	6	23.19	3896420	20.0