LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100124\
Data File : BP022144.D
Acq On : 01 Oct 2024 21:17
Operator : RC/JU
Sample : P4010-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AW0

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_P\Methods\SFAM-EPA-BP092424.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP022144.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.222	37	40	45	rVB2	5929	8976	0.30%	0.038%
2	3.657	104	114	117	rBV8	5652	13779	0.46%	0.058%
3	3.740	124	128	134	rVB	10925	15764	0.52%	0.067%
4	3.957	161	165	170	rVB2	7872	11072	0.37%	0.047%
5	4.110	187	191	194	rBV6	2067	3337	0.11%	0.014%
6	4.322	225	227	234	rVB8	2196	3416	0.11%	0.014%
7	4.863	314	319	326	rVB	13033	22360	0.74%	0.095%
8	5.734	463	467	470	rBV6	2330	3908	0.13%	0.017%
9	6.416	577	583	588	rVB3	6798	11361	0.38%	0.048%
10	6.893	652	664	678	rBV	191673	353497	11.69%	1.499%
11	7.040	683	689	701	rVB	145561	235143	7.78%	0.997%
12	7.246	717	724	734	rBV	204188	323873	10.71%	1.373%
13	7.334	734	739	745	rVB10	3239	6597	0.22%	0.028%
14	7.704	794	802	810	rBV	557633	883336	29.21%	3.745%
15	7.775	810	814	820	rVB9	1971	4024	0.13%	0.017%
16	8.404	914	921	932	rBV	165916	277987	9.19%	1.179%
17	8.510	932	939	950	rVV	92194	153067	5.06%	0.649%
18	8.840	986	995	1004	rBV	185883	308983	10.22%	1.310%
19	9.398	1084	1090	1096	rBV4	9002	16196	0.54%	0.069%
20	9.551	1106	1116	1129	rBV	156782	280480	9.28%	1.189%
21	9.722	1139	1145	1152	rBV	20211	38208	1.26%	0.162%
22	9.904	1168	1176	1185	rBV3	11252	25338	0.84%	0.107%
23	10.098	1199	1209	1220	rBV	250788	422641	13.98%	1.792%
24	10.463	1263	1271	1282	rBV	651143	1186008	39.22%	5.029%
25	10.592	1284	1293	1305	rBV	149144	311234	10.29%	1.320%
26	10.998	1355	1362	1370	rBV7	11685	23363	0.77%	0.099%
27	11.245	1396	1404	1411	rBV	7763	18417	0.61%	0.078%
28	11.486	1441	1445	1451	rVB9	3089	5456	0.18%	0.023%
29	11.816	1495	1501	1506	rBV9	2579	5468	0.18%	0.023%
30	11.957	1518	1525	1528	rBV7	2114	3564	0.12%	0.015%
31	12.033	1532	1538	1546	rVV10	2931	7146	0.24%	0.030%
32	12.292	1578	1582	1587	rVB4	2490	3541	0.12%	0.015%
33	13.263	1742	1747	1752	rBV9	1747	3969	0.13%	0.017%
34	13.628	1805	1809	1815	rVB8	7031	12662	0.42%	0.054%
35	13.716	1815	1824	1835	rBV	397386	643455	21.28%	2.728%
36	13.892	1850	1854	1863	rVB4	5330	9357	0.31%	0.040%

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Sample : P4010-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AW0

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_P\Methods\SFAM-EPA-BP092424.MA.M
Title : SVOA CALIBRATION

37	13.998	1863	1872	1881	rBV2	442804	715644	23.67%	3.034%
38	14.310	1915	1925	1933	rVV	1158114	1728691	57.17%	7.330%
39	14.369	1933	1935	1941	rVB7	3518	5734	0.19%	0.024%
40	14.539	1958	1964	1976	rBV	153888	291638	9.64%	1.237%
41	14.639	1977	1981	1983	rVV3	10630	17784	0.59%	0.075%
42	14.675	1983	1987	1992	rVV6	10283	20376	0.67%	0.086%
43	14.739	1992	1998	2004	rVB10	8761	19812	0.66%	0.084%
44	15.145	2060	2067	2070	rBV7	2858	5886	0.19%	0.025%
45	15.316	2089	2096	2103	rBV	697310	957964	31.68%	4.062%
46	15.369	2103	2105	2110	rVB6	4968	5557	0.18%	0.024%
47	15.439	2110	2117	2123	rBV	130360	202752	6.71%	0.860%
48	15.569	2133	2139	2142	rBV8	3843	6515	0.22%	0.028%
49	15.686	2154	2159	2167	rVB	46332	69890	2.31%	0.296%
50	16.186	2241	2244	2246	rBV4	3075	3259	0.11%	0.014%
51	16.292	2258	2262	2268	rBV9	3727	5450	0.18%	0.023%
52	16.510	2295	2299	2303	rBV6	4098	6851	0.23%	0.029%
53	16.569	2307	2309	2313	rVB5	2712	3448	0.11%	0.015%
54	16.645	2318	2322	2327	rVB2	18314	24638	0.81%	0.104%
55	16.757	2336	2341	2348	rVV5	16947	28289	0.94%	0.120%
56	17.104	2394	2400	2406	rBV	1482887	2239965	74.08%	9.498%
57	17.145	2406	2407	2412	rVV	81512	94370	3.12%	0.400%
58	17.210	2412	2418	2430	rVV2	581834	1016127	33.60%	4.308%
59	17.316	2433	2436	2443	rVB9	8907	13093	0.43%	0.056%
60	17.416	2450	2453	2458	rVB5	4041	7035	0.23%	0.030%
61	17.498	2464	2467	2468	rBV3	4294	4730	0.16%	0.020%
62	17.521	2468	2471	2478	rVB3	11772	17870	0.59%	0.076%
63	17.745	2505	2509	2514	rVB4	21925	26250	0.87%	0.111%
64	17.810	2516	2520	2525	rBV8	9512	14526	0.48%	0.062%
65	18.045	2553	2560	2569	rBV2	140167	216367	7.16%	0.917%
66	18.216	2584	2589	2592	rBV3	12485	19107	0.63%	0.081%
67	18.527	2640	2642	2645	rVB3	8598	9167	0.30%	0.039%
68	18.574	2646	2650	2653	rVB3	9547	14059	0.46%	0.060%
69	18.639	2658	2661	2667	rVB5	17564	27263	0.90%	0.116%
70	18.868	2696	2700	2704	rVB2	18795	23729	0.78%	0.101%
71	18.910	2705	2707	2711	rVB4	10143	10662	0.35%	0.045%
72	19.139	2739	2746	2754	rBV10	28121	79338	2.62%	0.336%
73	19.233	2758	2762	2777	rVB	238424	425844	14.08%	1.806%
74	19.374	2783	2786	2791	rBV4	39046	45718	1.51%	0.194%
75	19.515	2806	2810	2817	rBV	200628	355091	11.74%	1.506%
76	19.586	2817	2822	2833	rVB2	991974	1464010	48.41%	6.207%

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Instrument :
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ClientSampleId :
C0AW0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

77	19.751	2846	2850	2857	rBV2	60145	88351	2.92%	0.375%
78	21.209	3095	3098	3104	rVB4	82027	115793	3.83%	0.491%
79	21.533	3147	3153	3159	rBV2	1859297	2945195	97.40%	12.488%
80	23.962	3561	3566	3573	rVB	248635	478854	15.84%	2.030%
81	24.586	3665	3672	3682	rVB	433275	1031027	34.10%	4.372%
82	24.821	3701	3712	3723	rVB	1068202	3023884	100.00%	12.821%

Sum of corrected areas: 23584586

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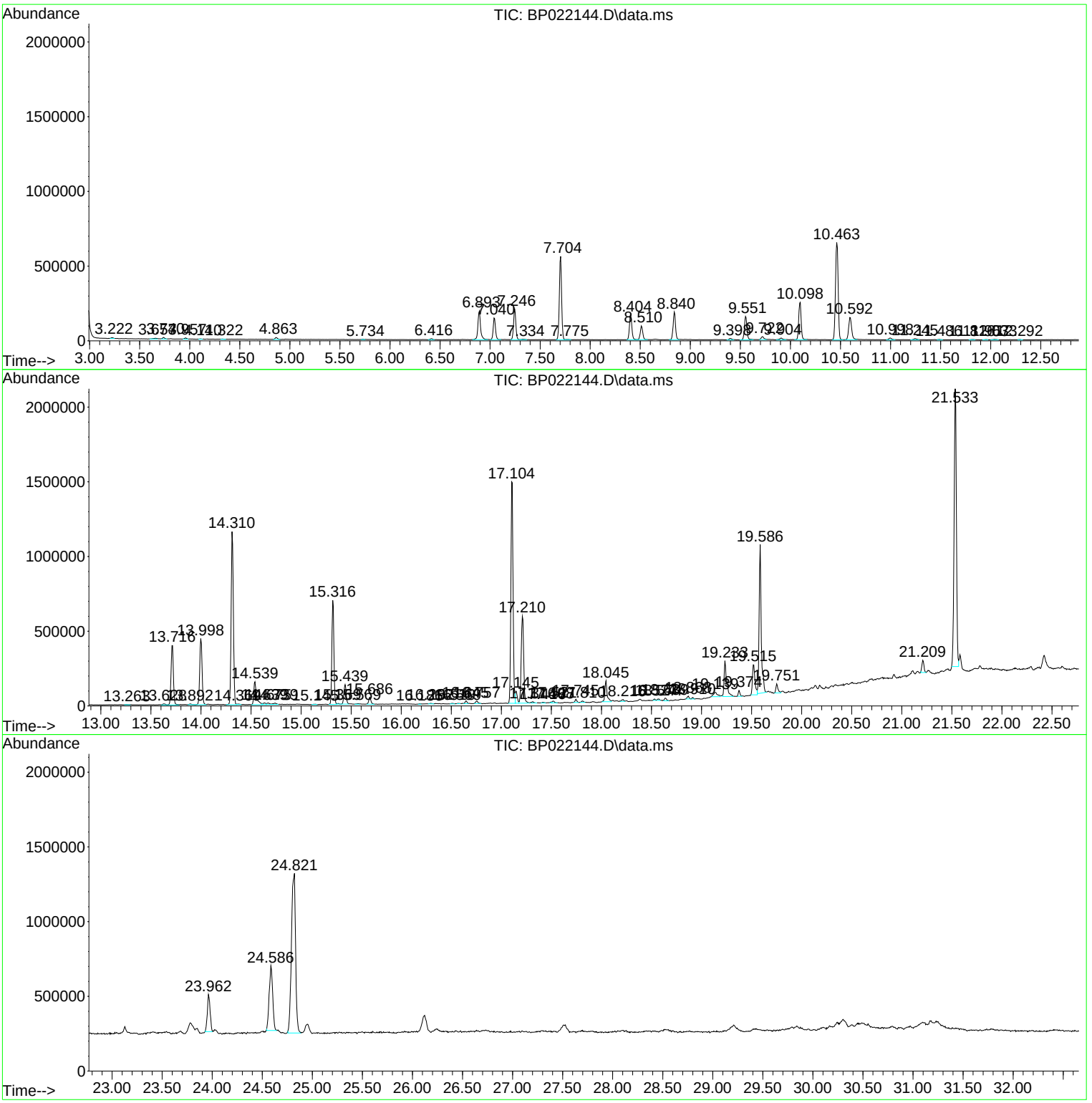
Instrument :
BNA_P
ClientSampleId :
C0AW0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100124\
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Acq On : 01 Oct 2024 21:17
Operator : RC/JU
Sample : P4010-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AW0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

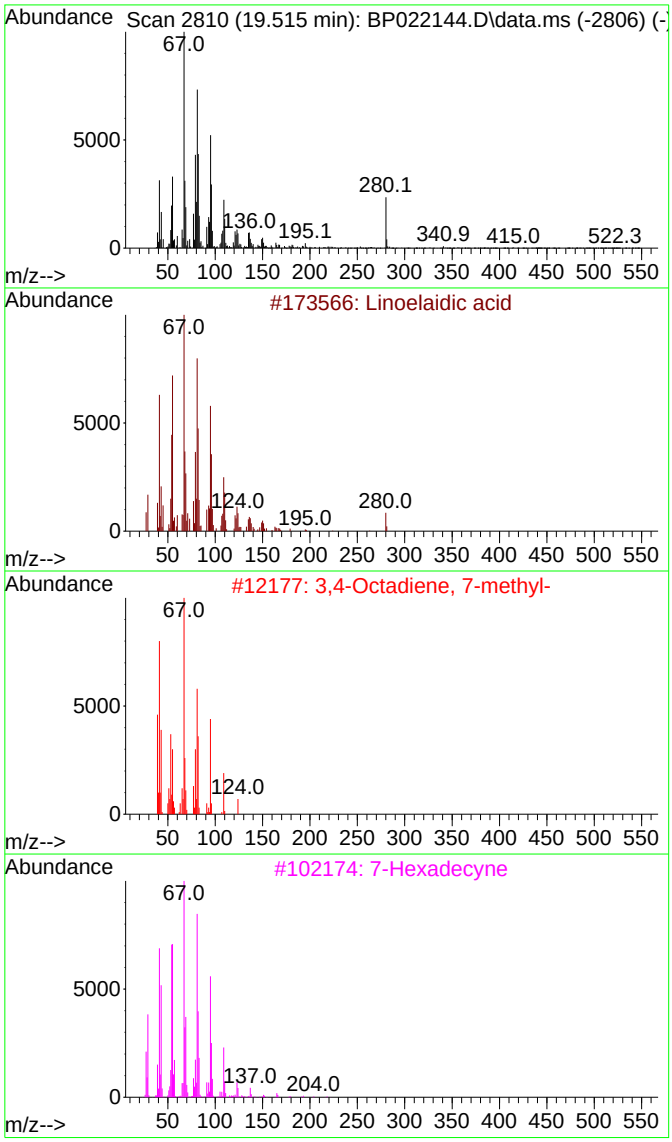
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

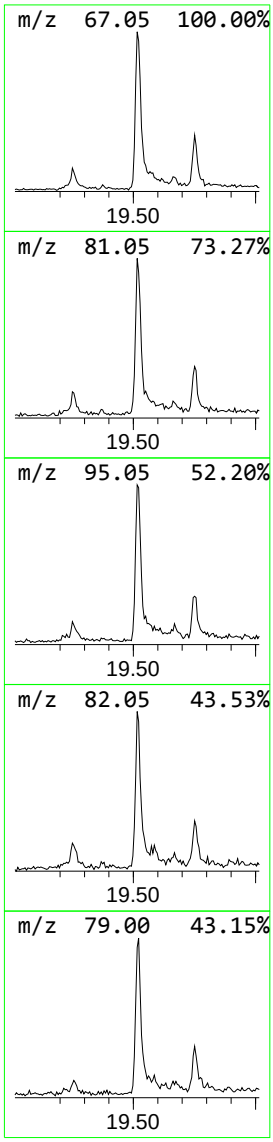
****

Peak Number 1 Linoelaidic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.515	2.41 ng/ul	355091	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Linoelaidic acid	280	C18H32O2	000506-21-8	87
2	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	87
3	7-Hexadecyne	222	C16H30	074685-28-2	74
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	58
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	53





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Operator : RC/JU
Sample : P4010-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AW0

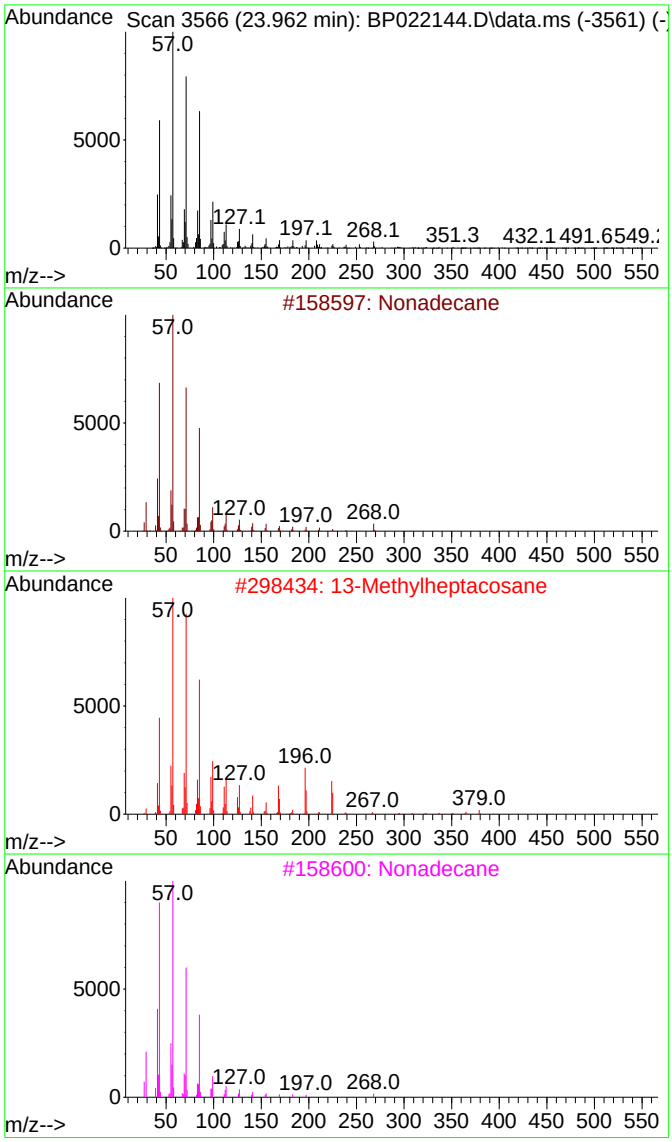
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

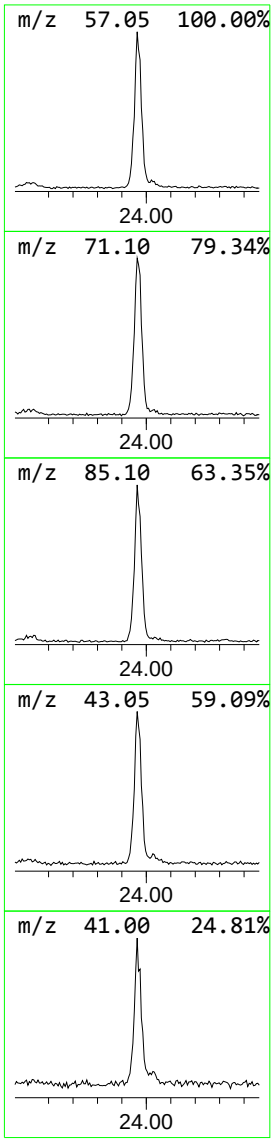
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.962	3.17 ng/ul	478854	Perylene-d12	24.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	13-Methylheptacosane	394	C28H58	015689-72-2	93
3	Nonadecane	268	C19H40	000629-92-5	93
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Nonacosane, 2-methyl-	422	C30H62	001560-75-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100124\
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA 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
Linoelaidic acid	19.515	2.4	ng/ul	355091	5	21.533	2945200	20.0
(DEL) Alkane: S...	23.962	3.2	ng/ul	478854	6	24.821	3023880	20.0