LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100325\
Data File : BP025920.D
Acq On : 03 Oct 2025 19:05
Operator : CG/JU
Sample : Q3272-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : R7

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_P\Methods\8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025920.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.008	7	12	27	rVB	1148456	1382527	30.39%	3.667%
2	4.914	330	336	350	rBV	1062386	1595411	35.07%	4.231%
3	5.384	410	416	439	rBV	817618	1472832	32.37%	3.906%
4	6.949	676	682	697	rBV	943593	1932445	42.47%	5.125%
5	7.743	808	817	824	rBV	575098	1020881	22.44%	2.708%
6	8.884	1004	1011	1030	rBV	693681	1455584	31.99%	3.860%
7	10.507	1276	1287	1291	rBV	791280	1440113	31.65%	3.819%
8	10.554	1291	1295	1305	rVB	761528	1381616	30.37%	3.664%
9	10.666	1310	1314	1321	rVB2	38771	81321	1.79%	0.216%
10	11.525	1454	1460	1463	rBV	40401	69657	1.53%	0.185%
11	11.778	1496	1503	1508	rBV6	27739	57400	1.26%	0.152%
12	11.919	1523	1527	1532	rBV4	26906	49230	1.08%	0.131%
13	12.166	1564	1569	1576	rVB	169088	308268	6.78%	0.818%
14	12.384	1601	1606	1615	rVB	126387	228584	5.02%	0.606%
15	12.878	1685	1690	1695	rVB3	72699	123600	2.72%	0.328%
16	12.966	1698	1705	1716	rVV	2007102	3033713	66.68%	8.046%
17	13.172	1733	1740	1747	rVB5	64283	162940	3.58%	0.432%
18	13.519	1795	1799	1804	rBV5	37814	85526	1.88%	0.227%
19	13.672	1820	1825	1830	rBV	79362	141882	3.12%	0.376%
20	13.725	1831	1834	1839	rBV6	33813	54099	1.19%	0.143%
21	13.831	1848	1852	1856	rVB2	84413	114356	2.51%	0.303%
22	13.901	1856	1864	1869	rBV8	44609	134462	2.96%	0.357%
23	14.078	1890	1894	1897	rBV	47798	73889	1.62%	0.196%
24	14.184	1908	1912	1918	rVB5	48589	84454	1.86%	0.224%
25	14.248	1919	1923	1931	rBV3	62039	132546	2.91%	0.352%
26	14.348	1932	1940	1947	rVV	1216651	2011598	44.21%	5.335%
27	14.419	1947	1952	1960	rVB	207268	350891	7.71%	0.931%
28	14.760	2006	2010	2015	rVB	168542	256190	5.63%	0.679%
29	14.878	2027	2030	2038	rVB8	47780	92177	2.03%	0.244%
30	14.978	2043	2047	2052	rBV3	57902	97449	2.14%	0.258%
31	15.413	2116	2121	2126	rBV	210932	355498	7.81%	0.943%
32	15.578	2146	2149	2153	rBV6	40389	69215	1.52%	0.184%
33	15.631	2154	2158	2168	rVB4	84831	146210	3.21%	0.388%
34	15.731	2168	2175	2180	rBV2	349487	591379	13.00%	1.568%
35	15.872	2193	2199	2206	rBV	911350	1507175	33.13%	3.997%
36	16.089	2232	2236	2237	rBV	93716	112776	2.48%	0.299%

LSC Area Percent Report

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Acq On : 03 Oct 2025 19:05
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.960	2379	2384	2391	rVB2	136714	247637	5.44%	0.657%
38	17.148	2410	2416	2420	rBV	1469263	2230956	49.04%	5.917%
39	17.189	2420	2423	2430	rVB	678407	953935	20.97%	2.530%
40	17.289	2436	2440	2445	rVB	91398	142222	3.13%	0.377%
41	17.578	2486	2489	2495	rVB	81044	119715	2.63%	0.318%
42	17.660	2500	2503	2508	rVB3	76689	95310	2.09%	0.253%
43	18.078	2570	2574	2586	rVB3	237624	535255	11.76%	1.420%
44	18.242	2600	2602	2607	rVB2	76157	107872	2.37%	0.286%
45	18.372	2621	2624	2628	rBV	61735	92669	2.04%	0.246%
46	19.272	2772	2777	2783	rBV	389956	592468	13.02%	1.571%
47	19.648	2836	2841	2851	rVB	283933	546277	12.01%	1.449%
48	19.854	2871	2876	2887	rVB	3350947	4549628	100.00%	12.066%
49	21.242	3108	3112	3118	rVB3	239196	370838	8.15%	0.984%
50	21.589	3165	3171	3177	rBV	1480021	2460970	54.09%	6.527%
51	24.948	3733	3742	3751	rVB	864810	2451826	53.89%	6.503%

Sum of corrected areas: 37705472

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Instrument :
BNA_P
ClientSampleId :
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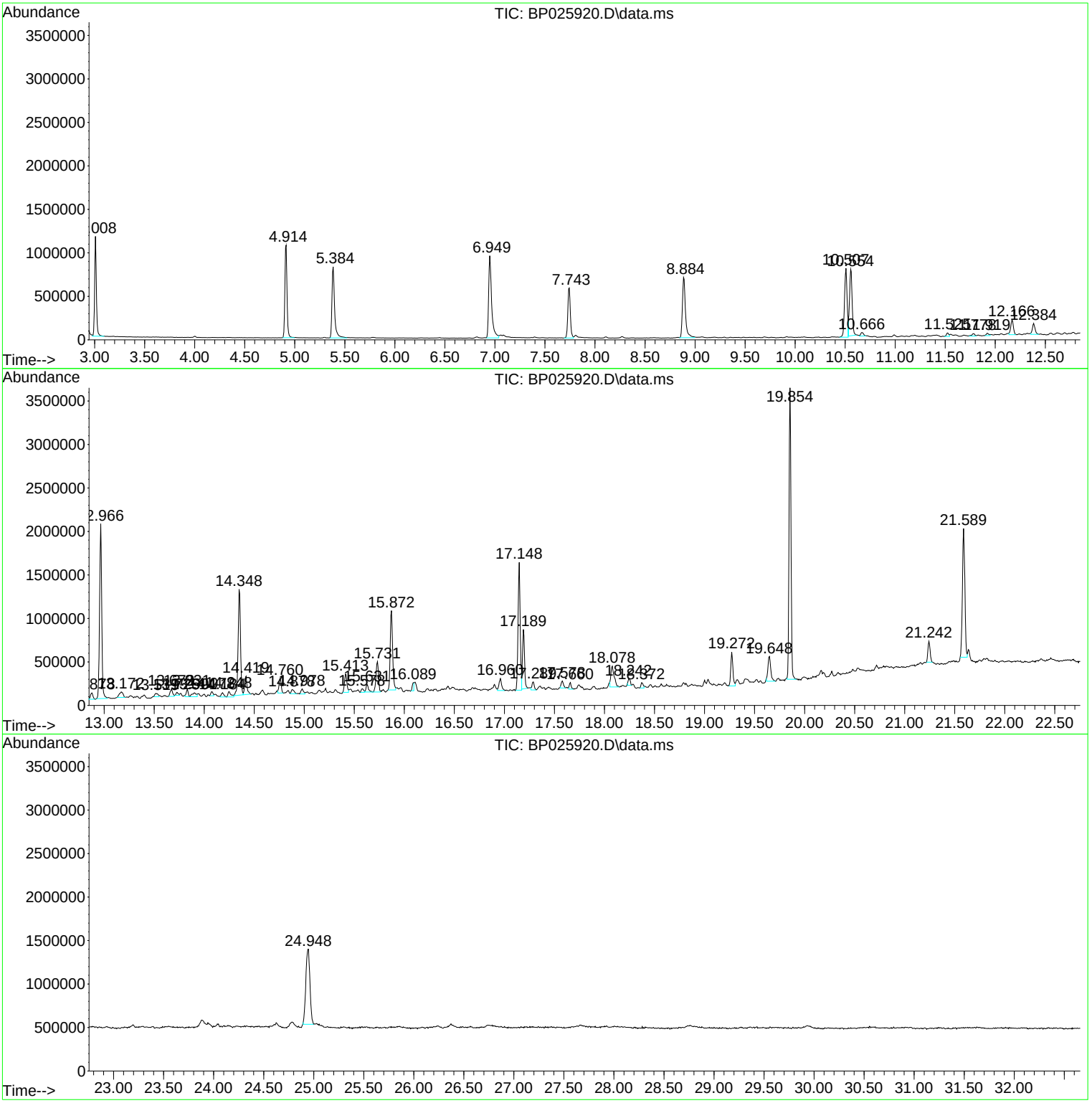
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100325\
Data File : BP025920.D
Acq On : 03 Oct 2025 19:05
Operator : CG/JU
Sample : Q3272-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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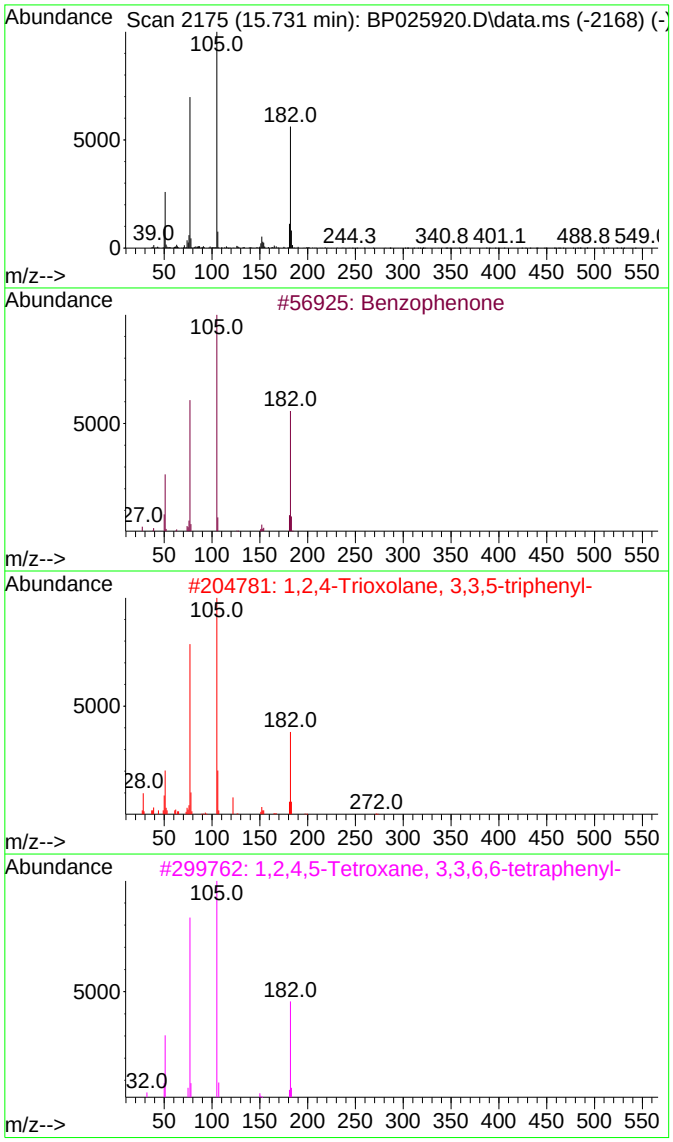
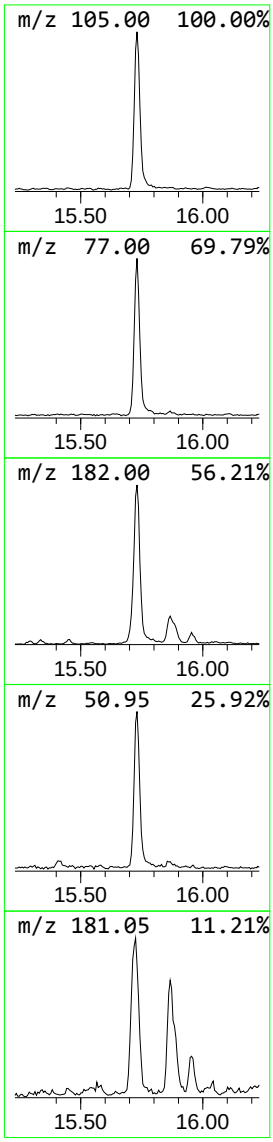
Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.731	5.88 ng	591379	Acenaphthene-d10	14.348

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	64
3	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
4	Azobenzene	182	C12H10N2	000103-33-3	59
5	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
R7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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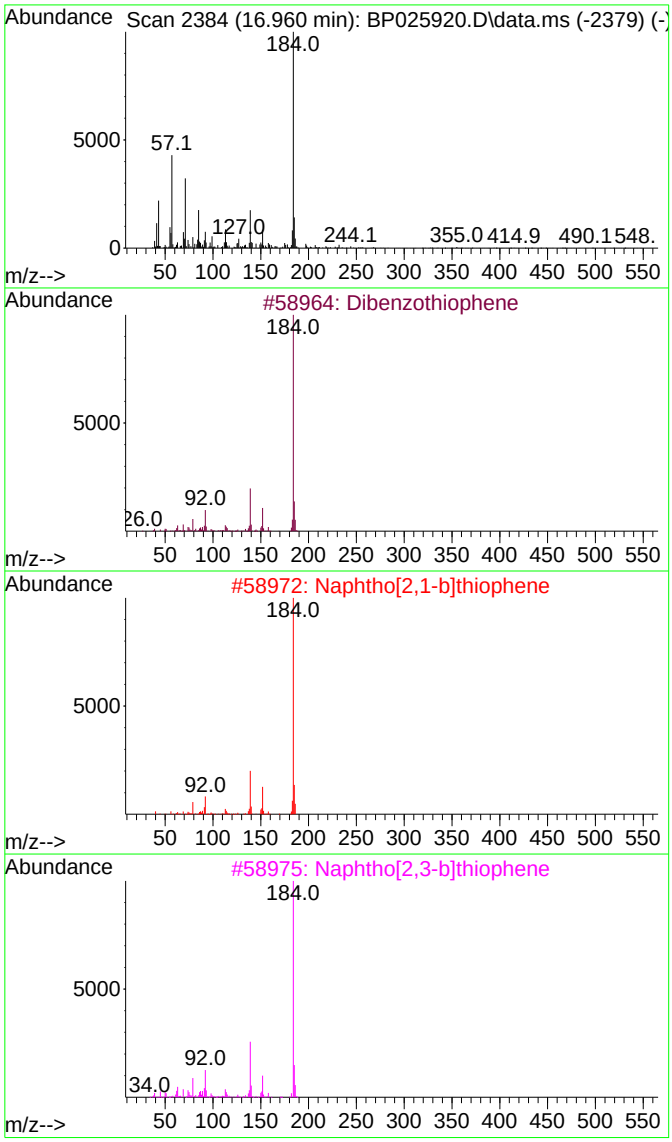
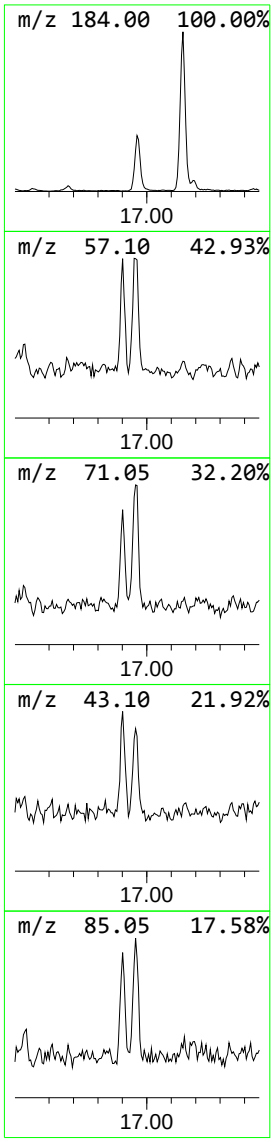
Peak Number 4 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.960	2.22 ng	247637	Phenanthrene-d10	17.148

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	76
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	70
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	68
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	62





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Data File : BP025920.D
Acq On : 03 Oct 2025 19:05
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Sample : Q3272-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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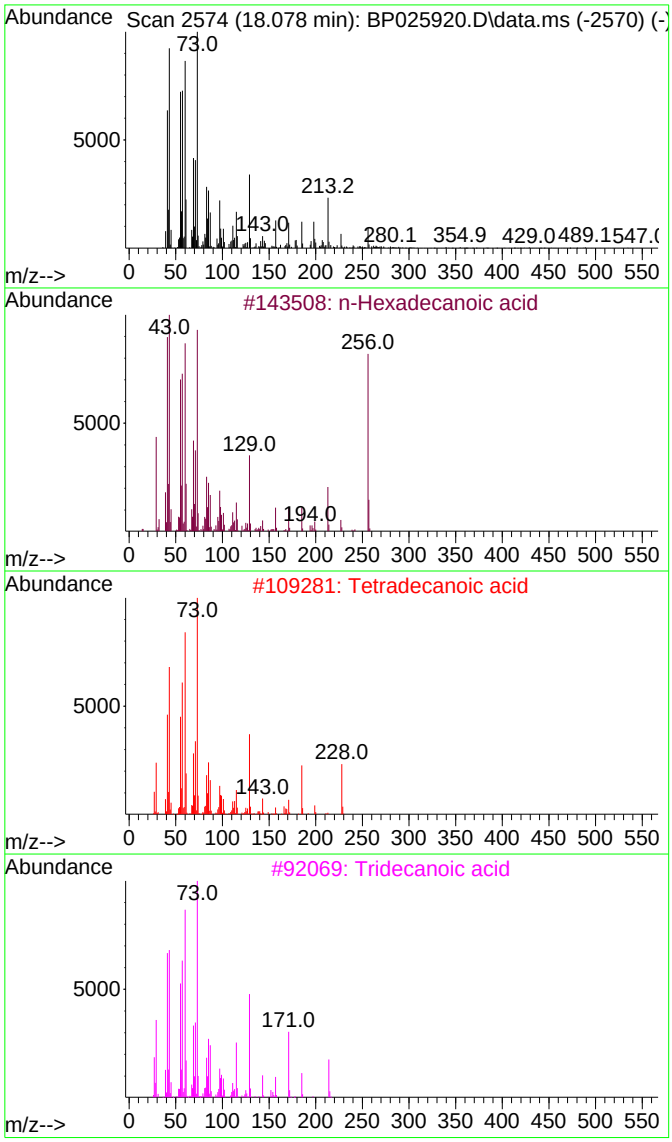
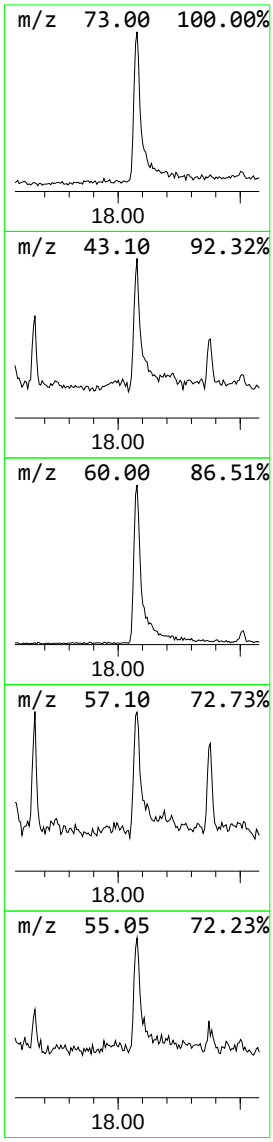
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.078	4.80 ng	535255	Phenanthrene-d10	17.148

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
R7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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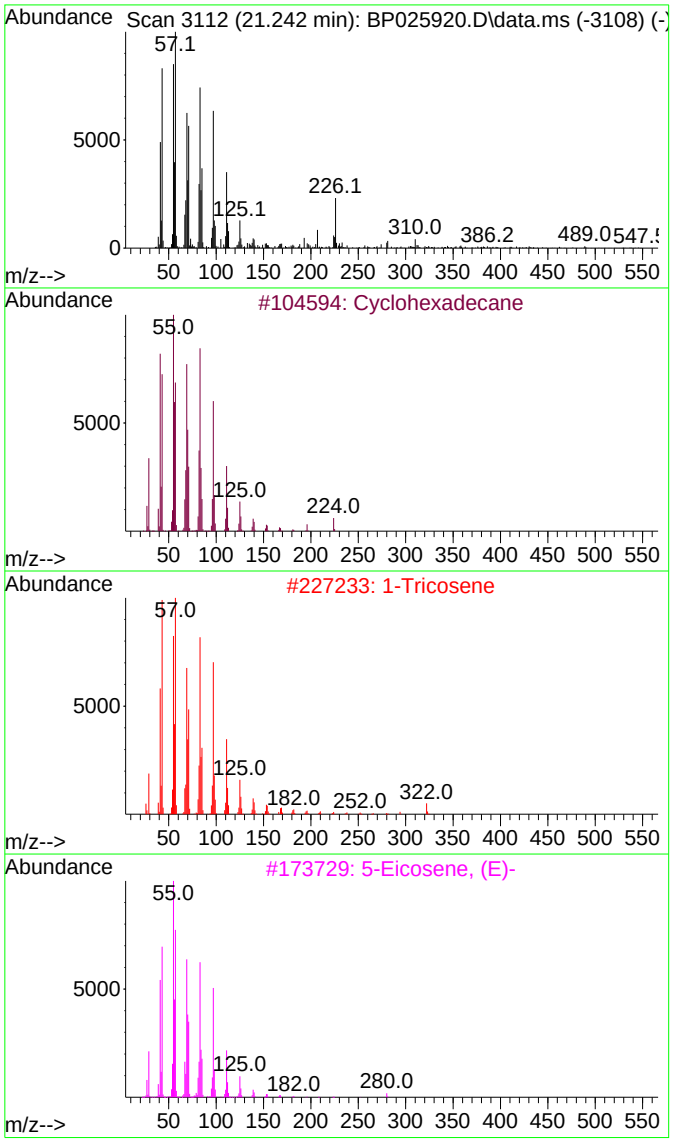
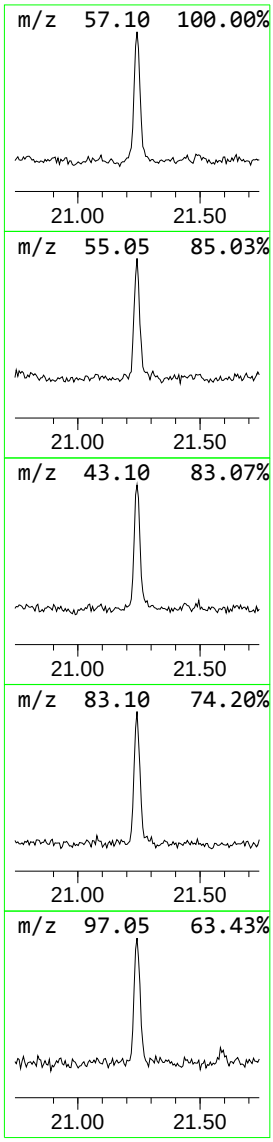
Peak Number 6 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.242	3.01 ng	370838	Chrysene-d12	21.589

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	1-Tricosene	322	C23H46	018835-32-0	97
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	94





Tentatively Identified Compound (LSC) summary

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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
Benzophenone	15.731	5.9	ng	591379	3	14.348	2011600	20.0
Dibenzothiophene	16.960	2.2	ng	247637	4	17.148	2230960	20.0
n-Hexadecanoic ...	18.078	4.8	ng	535255	4	17.148	2230960	20.0
Cyclohexadecane	21.242	3.0	ng	370838	5	21.589	2460970	20.0